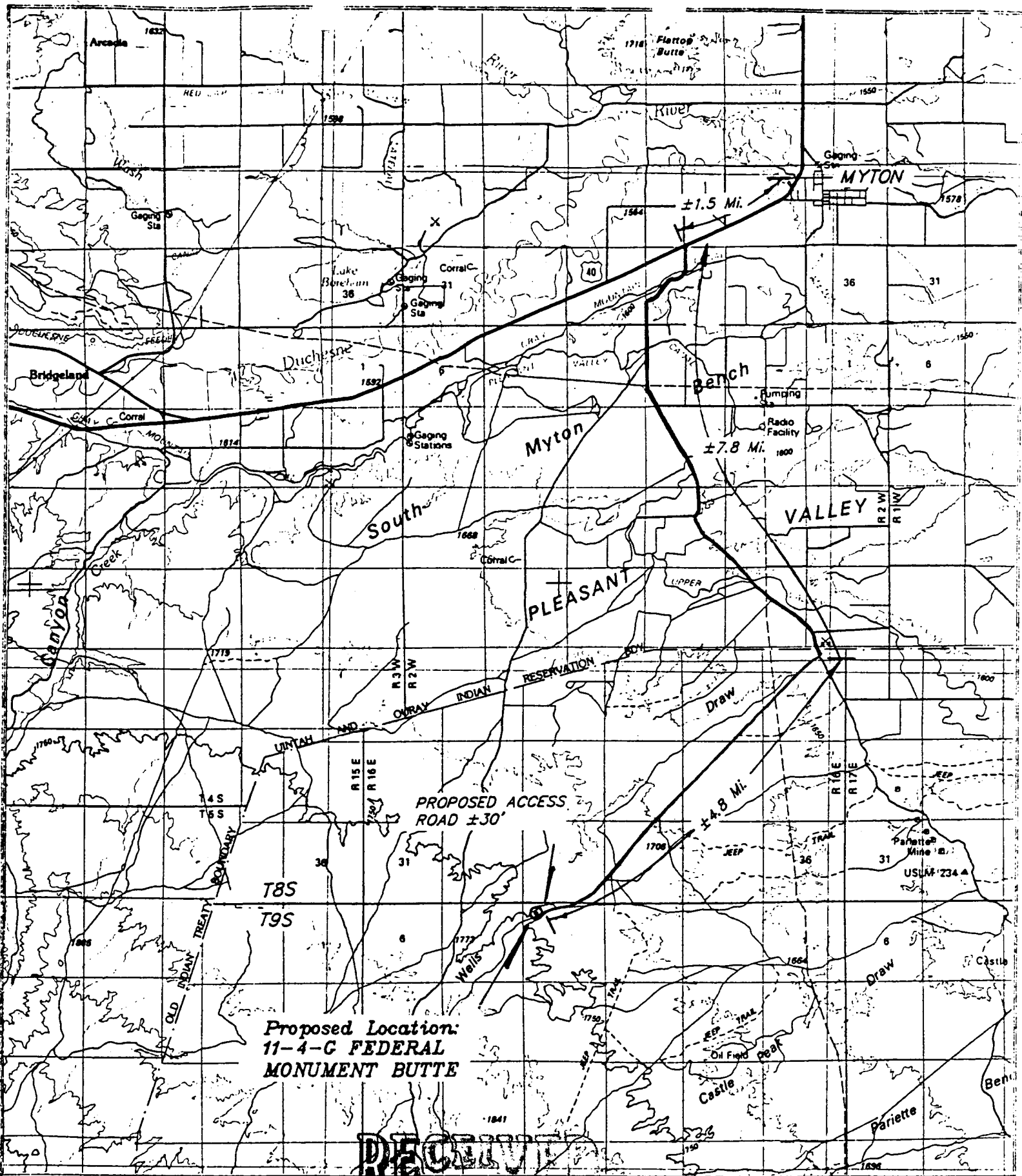


RECEIVED
OCT 23 1989

NOTICE OF STAKING (Not to be used in place of Application to Drill Form 9-331-C)		RMOGA 5/5/82	5. Lease Number U-30096		DIVISION OF OIL, GAS & MINING
1. Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
			7. Unit Agreement Name		
2. Name of Operator PG&E Resources Company			8. Farm or Lease Name Federal		
3. Address of Operator or Agent 85 South 200 East, Vernal, UT 84078			9. Well No. 11-4-G		
4. Surface Location of Well (Governmental 1/4 or 1/4 1/4) NW/NW 800' FWL, 660' FNL Attach: Topographical or other acceptable map showing location, access road, and lease boundaries.			10. Field or Wildcat Name Monument Butte		
			11. Sec., T., R., M., or Blk and Survey or Area Sec. 4, T9S, R16E		
14. Formation Objective(s) Green River		15. Estimated Well Depth 6500'		12. County or Parish Duchesne	13. State Utah
16. To Be Completed by Operator Prior to Onsite a. Location must staked b. Access Road Flagged c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills (To be provided at onsite)					
17. To Be Considered By Operators Prior to Onsite a. H ₂ S Potential b. Private Surface Ownership c. Cultural Resources (Archaeology) d. Federal Right of Way					
18. Additional Information					
19. Signed <u><i>C. M. Heddleson</i></u> Title <u>Production Supt.</u> Date <u>Oct. 19, 1989</u> C. M. Heddleson					

Copies: Orig. & 2 copies - BLM
Copy - Div. Oil, Gas & Mining
Copy - Stan Goodrich
Copy - Central Files/Dallas



Proposed Location:
11-4-G FEDERAL
MONUMENT BUTTE

RECEIVED
OCT 23 1989

TOPOGRAPHIC
MAP "A"

DATE: 10-18-89

DIVISION OF
OIL, GAS & MINING

PG&E RESOURCES COMPANY
11-4-G FEDERAL MONUMENT BUTTE
SECTION 4, T9S, R16E, S.L.B.&M.

PG&E Resources Company

2001 Bryan Tower, Suite 953
Dallas, Texas 75201

Telephone 214/742-2396
Fax 214/754-0812

November 13, 1989

NOV 16 1989

State of Utah
Division of Oil, Gas & Mining
3 Triad Center
Suite 350
Salt Lake, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

RE: Application for Permit to Drill
#11-4-G Federal
NW/NW Section 4-T9S-R16E
Lease #U-30096
Duchesne County, Utah

Dear Sir,

Attached are 2 copies of the Application for Permit to Drill for the subject well. Please let me know if additional information is required.

Sincerely,

Mike McMican

Michael L. McMican
Petroleum Engineer

MLM/bb
Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

2001 Bryan Tower, Suite 953, Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

800' FWL, 660' FNL NW/NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

1,320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6,450' Douglas Creek

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,750' GR.

22. APPROX. DATE WORK WILL START*

November, 1989

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	TD Surface
7 7/8"	5 1/2"	15.5#	TD	As required

Attachments: Drilling Program
Surface Use Plan
Survey Plat
Cut & Fill Diagram
Topographic Maps
Well Location Map

Original & 2 copies: BLM -Vernal District; 2 copies: Div. Oil, Gas & Mining - SLC

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Michael L. McMican
Michael L. McMican

TITLE Petroleum Engineer

DATE November 13, 1989

(This space for Federal or State office use)

PERMIT NO.

43-013-31250

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

TITLE

DATE: 11-22-89

BY: John R. Bay

WELL SPACING: RL6X5-3-2

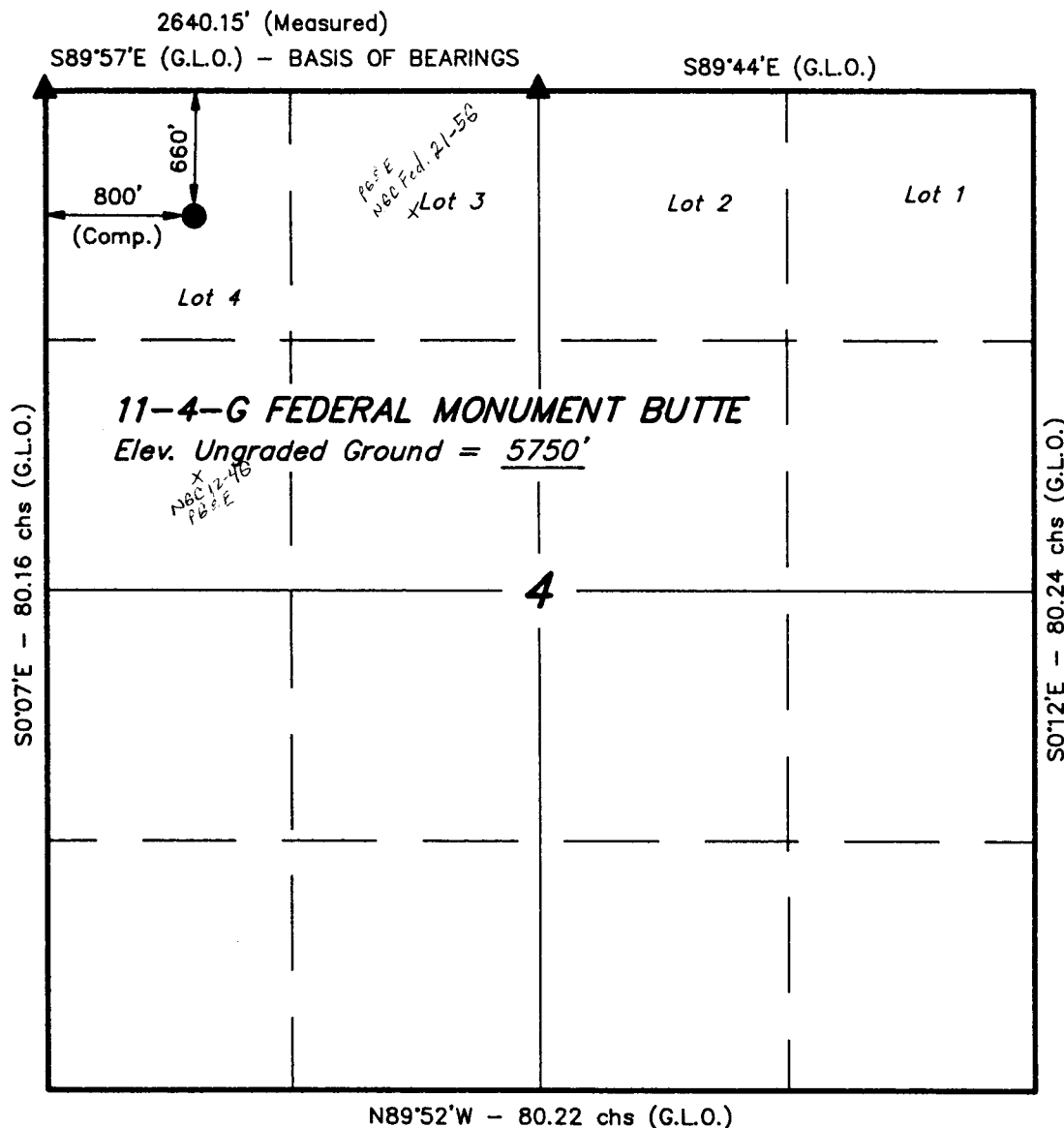
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

PG&E RESOURCES COMPANY

Well location, 11-4-G FEDERAL MONUMENT BUTTE, located as shown in Lot 4 of Section 4, T9S, R16E, S.L.B.&M. Duchesne County, Utah.

T9S, R16E, S.L.B.&M.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 4, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UNTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10-18-89
PARTY R.L.K. K.K. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE PG&E RESOURCES CO.

▲ = SECTION CORNERS LOCATED.

DRILLING PROGRAM

Company: PG&E Resources Company
2001 Bryan Tower Suite 953
Dallas, Texas 75201
214-742-2396

Well: 11-4-G Federal
Monument Butte
Sec.4-T9S-R16E
Duchesne Co, Utah
Lease No. U-30096

Operations will comply with applicable laws, regulations, and the approved APD. Provisions of Onshore Order No. 2 will be strictly adhered to. PG&E is responsible for the actions of contractors in its hire. A copy of the approved APD will be with field representatives to insure compliance.

1. Surface Formation and Estimated Formation Tops

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uintah	Surface	+5750' GR
Green River	1751'	+4014'
Douglas Creek Mrkr	4900'	-865'
TD	6450'	-2415'

2. Estimated Depths of Oil, Gas, Water, or Mineral Bearing Zones

<u>Expected Zones</u>	<u>Formation</u>	<u>Interval</u>
Oil zones	Green River	4200'-6200'
Gas zones	None	
Water zones	None	
Mineral zones	Oil Shale	Top @ 1751'

3. Pressure Control Equipment

3000# WP BOPE (see diagram) maintained, tested, in place and operating prior to drilling out surface csg until well is completed or abandoned. BOPE suitable for subfreezing conditions if exist. Pressure tests before drilling out all csg strings.

BOPE consisting of: annular preventers, double ram w/ blind and pipe rams, drilling spool or preventer w/ 2 side outlets (ck side 3" min, kill side 2" min), kill line 2" min, min 2 ck line valves 3" min, 3" ck line, 2 kill line vlvs one a check vlv 2" min, 2 cks, gauge on ck manifold, upper kelly cock vlv with handle, safety vlv and subs to fit all drill string connections, fillup line above top preventer, connections subject to well pressure flanged, welded, or clamped. Ck lines straight unless using tee blocks or targeted w/ running tees and anchored to prevent whip and reduce vibration. Ck manifold functionally equivalent to diagram. All vlvs (except cks) in kill line, ck manifold, ck line full opening for straight through flow. Gauges types for drilling fluids.

Accumulator sufficient capacity to open hydraulic ck line vlv if equipped, close rams and annular preventer, and retain a min of 200 psi over precharge on closing manifold w/o use of closing unit pumps. Fluid reservoir capacity double accumulator capacity w/ level maintained at specs. Two independent power sources f/ preventers. Nitrogen bottles

(3 min) one independent power source charged to specs. Accumulator precharge test conducted prior to connecting closing unit to BOP stack and every 6 months min. Accumulator pressure corrected if precharge above or below max or min limits (nitrogen gas precharge).

Power for closing unit pumps available all times so pumps auto start when manifold pressure decreases to preset level. BOP closing units w/ no. and sizes of pumps so w/ accumulator system isolated f/ service pumps can open hydraulic gate vlv if equipped, close annular preventer on smallest drill pipe in 2 minutes and obtain min 200 psi over precharge.

Hand wheels or auto locking device installed. A vlv installed in closing line close to annular preventer f/ locking device. Vlv will be open, closed when power source inoperative. Remote controls accessible to driller. Controls capable of closing all preventers. Master controls at accumulator capable of opening/closing all preventers, ck line vlv if equipped. Hydraulic closing unit located near base of doghouse stairs.

Pressure tests w/ wtr, clear liquid for subfreezing w/ vis similar to wtr. Rams tested to WP if isolated by test plug, 70% csg burst if not isolated. Pressure maintained 10 minutes or requirements are met. Test plug used, no bleed-off acceptable. W/o test plug, decline in pressure >10% in 30 min considered failure. Vlv on csg head below test plug open during testing. Annular preventers tested 50% WP. Pressure maintained 10 min or provisions of test met. Test at installation, seal subject to test pressure broken, following repairs, and 30-day intervals. Valves tested f/ WP side w/ down stream vlvs open. When testing kill line vlvs check vlv held open or ball removed. Annular preventers operated weekly. Rams activated each trip not more than daily. BOPE drills conducted weekly each crew. Tests/drills recorded in log.

Notice will be given with sufficient lead time for the BLM to be on location during pressure testing.

4. Casing and Cementing Program

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>New/Used</u>	<u>Depth</u>
12-1/4"	8-5/8"	24#	K55	ST&C	New	300'
7-7/8"	5-1/2"	15.5#	K55	LT&C	New	TD

8-5/8" surface csg cmtd to surface by primary or remedial cmtg. Surface csg will have centralizers every 4th joint f/ shoe joint to bottom of cellar. A Top plug will be used to reduce contamination of cmt by displacement fluid. Bottom plug or preflush fluid will be used to help isolate cmt f/ contamination by mud fluid displaced ahead of cmt slurry.

Csg strings will be pressure tested to 0.22 psi/ft of string length or 1500 psi, whichever greater, but not >70% of burst. If pressure declines more than 10% in 30 minutes, corrective action will be taken.

Notice will be given with sufficient lead time for the BLM to be on location when running casing strings and cementing.

5. Drilling Mud Program

<u>Interval</u>	<u>Mud Weight lbs/gal</u>	<u>Viscosity sec/qt</u>	<u>Fluid Loss ml/30 min</u>	<u>Mud Type</u>
0-300'	---	---	---	air
300'-TD	8.4	27	no control	water

Volume of mud reserve material will be equal to or greater than the active system capacity. Visual mud monitoring will be used to detect volume changes indicating loss or gain of mud fluid volume. A mud test will be performed every 24 hours to determine density, viscosity, gel strength, filtration, and pH.

6. Testing, Coring, Logging and Sampling

- a. Testing: None
- b. Coring: None
- d. Logging: Two man mudlogging unit 3500' - TD
DIL/SFL/SP/GR 2" & 5" TD - surface casing
FDC/CNL/GR/CAL 2" & 5" TD - surface casing
- c. Sampling: 10' intervals 3500' - TD

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards

Normal pressures and temperatures are expected. No hazardous gases are expected. Anticipated pore pressure is 2475 psi with a frac gradient of about 0.75. Expected mud hydrostatic pressure is 2850 psi.

8. Anticipated Starting Dates and Duration of Operations

Location construction is scheduled for November, 1989 with drilling operations beginning promptly afterward. The well should take about 7-9 days to drill. Completion operations will begin shortly thereafter and should last about two weeks. Production equipment installation and hookup will follow completion and the well should be on production within 90 days of spud.

Surface Use Plan

Company: PG&E Resources Company
2001 Bryan Tower Suite 953
Dallas, Texas 75201
214-742-2396

Well: 11-4G Federal
Monument Butte
Sec.4-T9S-R16E
Duchesne Co., Utah
Lease No. U-30096

The BLM will be notified 24-48 hrs in advance so that site construction may be monitored. Notification will be given to Ralph Brown or Tim O'Brien in Vernal, Utah at 801-789-1362.

1. Existing Roads

See attached map.

To reach the 11-4G Federal located in Sec.4-T9S-R16E, Duchesne County, Utah: Travel southwest from Myton, Utah on Hwy 40 for 1.5 miles then south on Pleasant Valley Road 7.8 miles to the BLM cattleguard then right 4.8 miles to the location.

2. Planned Access Road

See attached map.

All travel will be confined to existing access road rights-of-way. The access road will be constructed as follows:

- A. Length: Approx 30'.
- B. Width: 30 foot disturbed maximum, 18 foot travelway.
- C. Maximum grade: 1%.
- D. Turnouts: None.
- E. Drainage design: None.
- F. Culverts, bridges, major cuts and fills: None.
- G. Surfacing materials and source: Native materials from location and access road or from commercial source if additional required.
- H. Gates, cattleguards, fence cuts: None.
- I. Access road surface ownership: BLM.

3. Location of Existing Wells

See attached map.

4. Location of Tanks and Production Equipment

Prior to construction and installation of production facilities and lines, a Sundry Notice with production facility plans will be submitted for approval.

Production facilities will be on the cut portion of the location. All above ground permanent structures that will remain longer than 6 months will be painted Desert Tan or Brown within 6 months of installation. Facilities required to comply with OSHA will be excluded.

The tank battery will be surrounded by a dike of sufficient capacity to contain 1.5 times the storage capacity of the battery and the integrity of the dike will be maintained. The tank battery will be on the NW corner of the well pad.

5. Location and Type of Water Supply

Water to be used for drilling this well will be hauled by truck from Pleasant Valley. If this source is not used, arrangements will be made with proper authorization for an alternate source. PG&E will be responsible for acquiring the necessary water permit.

6. Source of Construction Material

All construction materials for this well location and access road will be borrow materials, accumulated during construction of the well site. If fill materials are needed to construct any roads or the well site, proper permits will be obtained from the BLM or materials will be obtained from a commercial source.

7. Methods of Handling Waste Disposal

Sewage disposal facilities will be in accordance with State and Local regulations. Sewage will not be buried on location or put in a borehole. Trash will be contained in an enclosed portable trash cage. The cage will be emptied in an approved sanitary landfill. Any trash on site will be cleaned up as part of the reclamation. Burning will not be allowed.

A reserve pit will be constructed as shown on the pad diagram and will be lined, due to the proximity of the location to Wells Draw, with a nylon reinforced liner (minimum 10 mil) and bedded with straw as necessary to avoid puncture. The liner will be torn and perforated before backfilling.

Produced waste water will be confined to the reserve pit for a period not to exceed 90 days after initial production. During this period an application for approval of a permanent disposal method and location, along with a water analysis if required, will be submitted for approval.

8. Ancillary Facilities

Camp facilities or airstrips will not be required.

9. Well Site Layout

See Pad Diagram and Cut and Fill Diagram.

Reserve pits will not be cut to drain, allowed to leak or located on natural drainages. Waste or discharge will not be allowed to enter any drainage. All pits will be fenced on three sides during drilling. The fourth side will be fenced when the rig moves off and liquids allowed to evaporate before backfilling. Any hydrocarbons on the pit will be removed as soon as possible after drilling.

The reserve pit will be on the NW side, the stockpiled topsoil on the east side between points 7 & 8, access from the SE between 1 & 8, and diversion ditches constructed on the south and east side of the location.

Drilling rigs and equipment will not be stacked on Federal Lands at any time without BLM approval.

10. Plans for Restoration of the Surface

Immediately after drilling, the location and surrounding area will be cleared of all debris, materials, trash, junk and equipment not required for production.

The reserve pit will be completely dry and trash removed before any location restoration takes place. The reserve pit and any portion of the location not needed for production operations will be reclaimed. The reserve pit will be reclaimed within 90 days of well completion.

All disturbed areas will be recontoured to the approximate natural contours. Stockpiled topsoil will be distributed evenly over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled between September 15 and when the ground freezes. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be double the lbs per acre. An appropriate seed mixture will be determined by the BLM as part of the conditions of approval or at the time of restoration. If the seeding is unsuccessful, PG&E will make subsequent seedings.

11. Surface Ownership

The surface for all roads and the well location is under the jurisdiction of the Department of the Interior, Bureau of Land Management.

12. Other Information

If, during operations, any archaeological or historical sites, or any object of antiquity are discovered, all operations which would affect such sites will be suspended and the discovery reported to the BLM.

Use of pesticide, herbicide or other possible hazardous chemicals will be cleared for use prior to application.

The flare pit will be located a minimum of 30' from the reserve pit fence and 100' from the wellbore on the downwind side of the location between points 6 & D. All fluids will be removed from the pit within 48 hrs of occurrence.

The BLM will be notified upon site completion prior to moving on the drilling rig.

13. Lessee's or Operator's Representative and Certification

Name: Michael L. McMican
Title: Petroleum Engineer
Address: PG&E Resources Company
2001 Bryan Tower Suite 953
Dallas, Texas 75201
Phone: 214-742-2396

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by PG&E Resources Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

11-17-89
Date

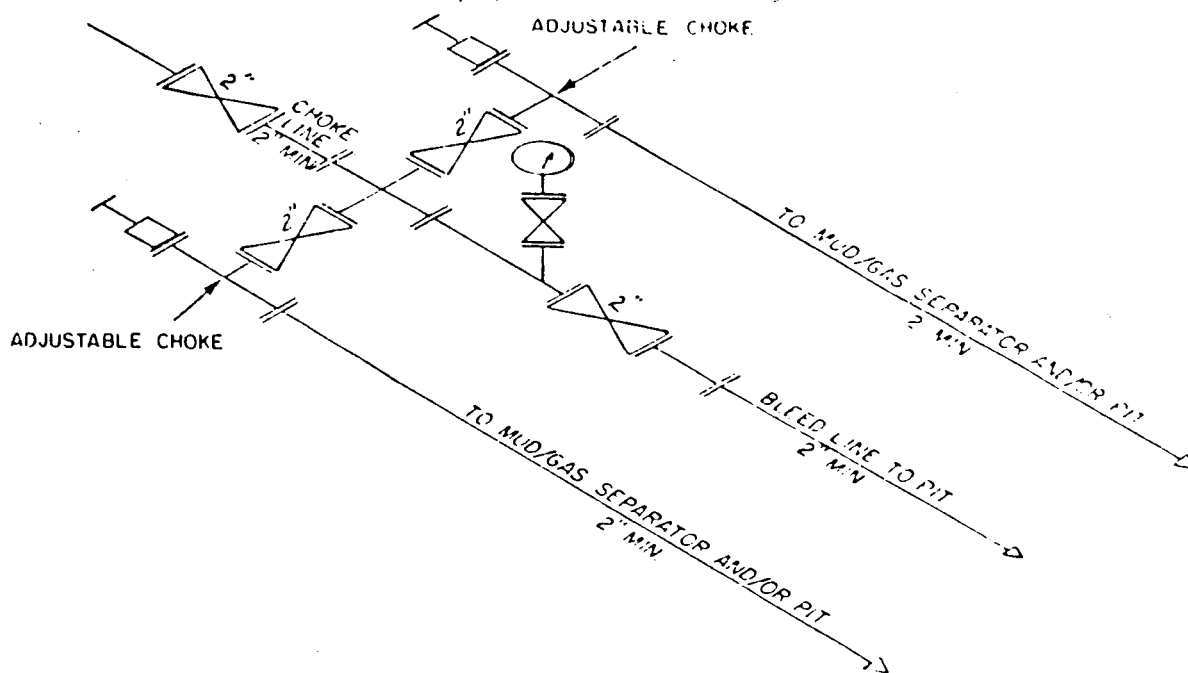
Mike McMican
Michael L. McMican
Petroleum Engineer

Onsite Date: 11-7-89
Participants on Joint Inspection:
C.M. Heddleson - PG&E
Ralph Brown - BLM

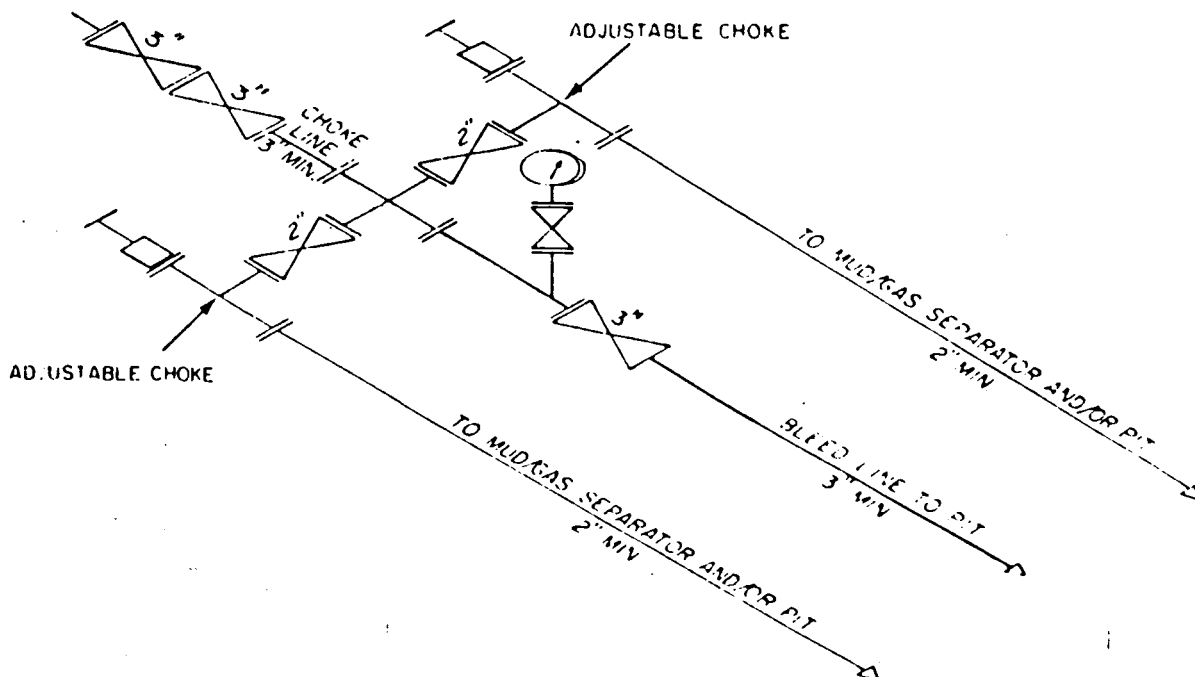
Self-certification Statement

Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not 100% record title holder. Operators are now required to submit this self-certification statement to the appropriate Bureau office.

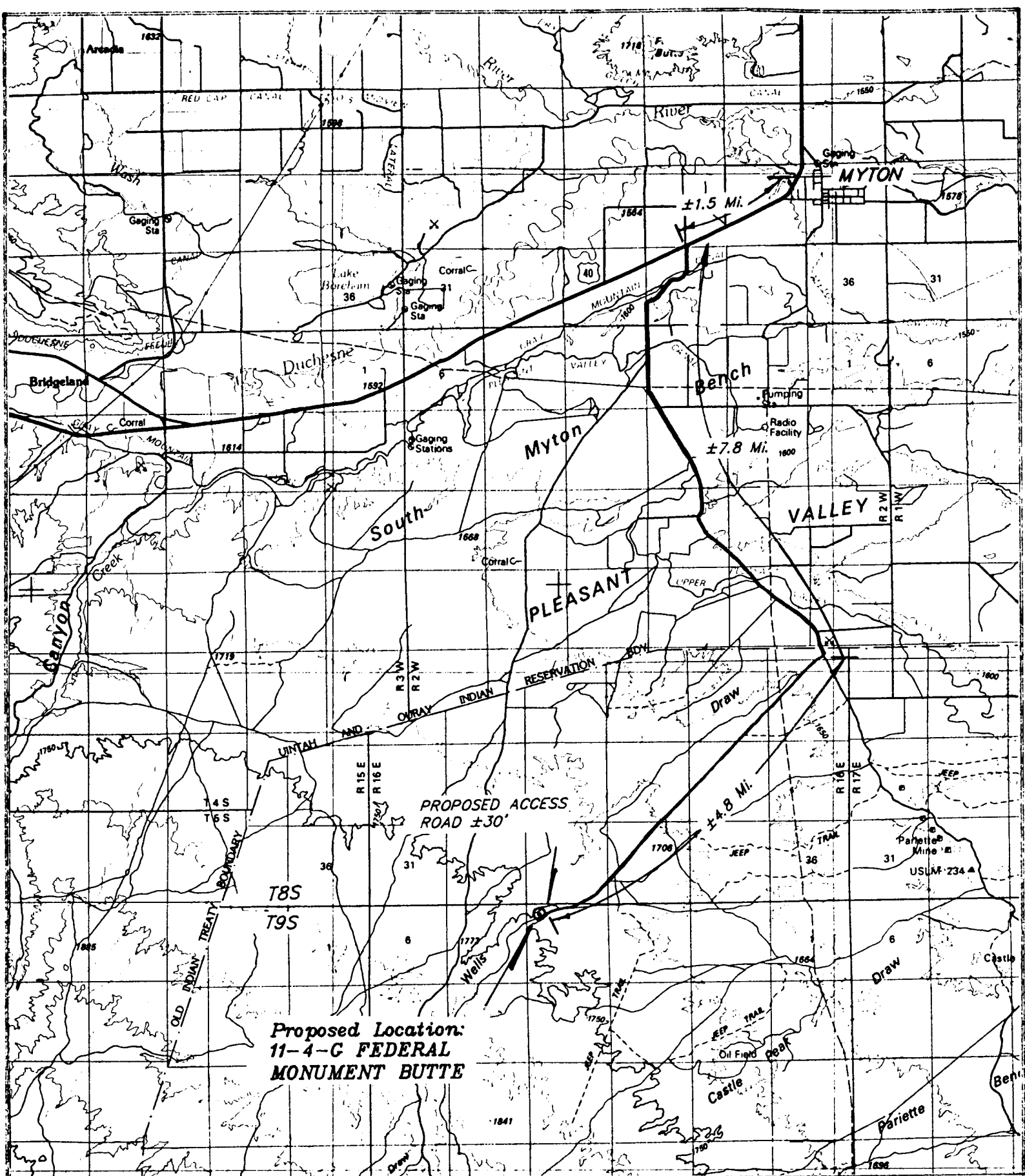
Please be advised that PG&E Resources Company is considered to be the operator of well 3X-36A State located N 1/2 SW 1/4 Sec. 36, T19N, R93W, lease #72-7052, in Carbon County, Wyoming, and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage provided by Pacific Indemnity, bond ID # 8101-04-97.



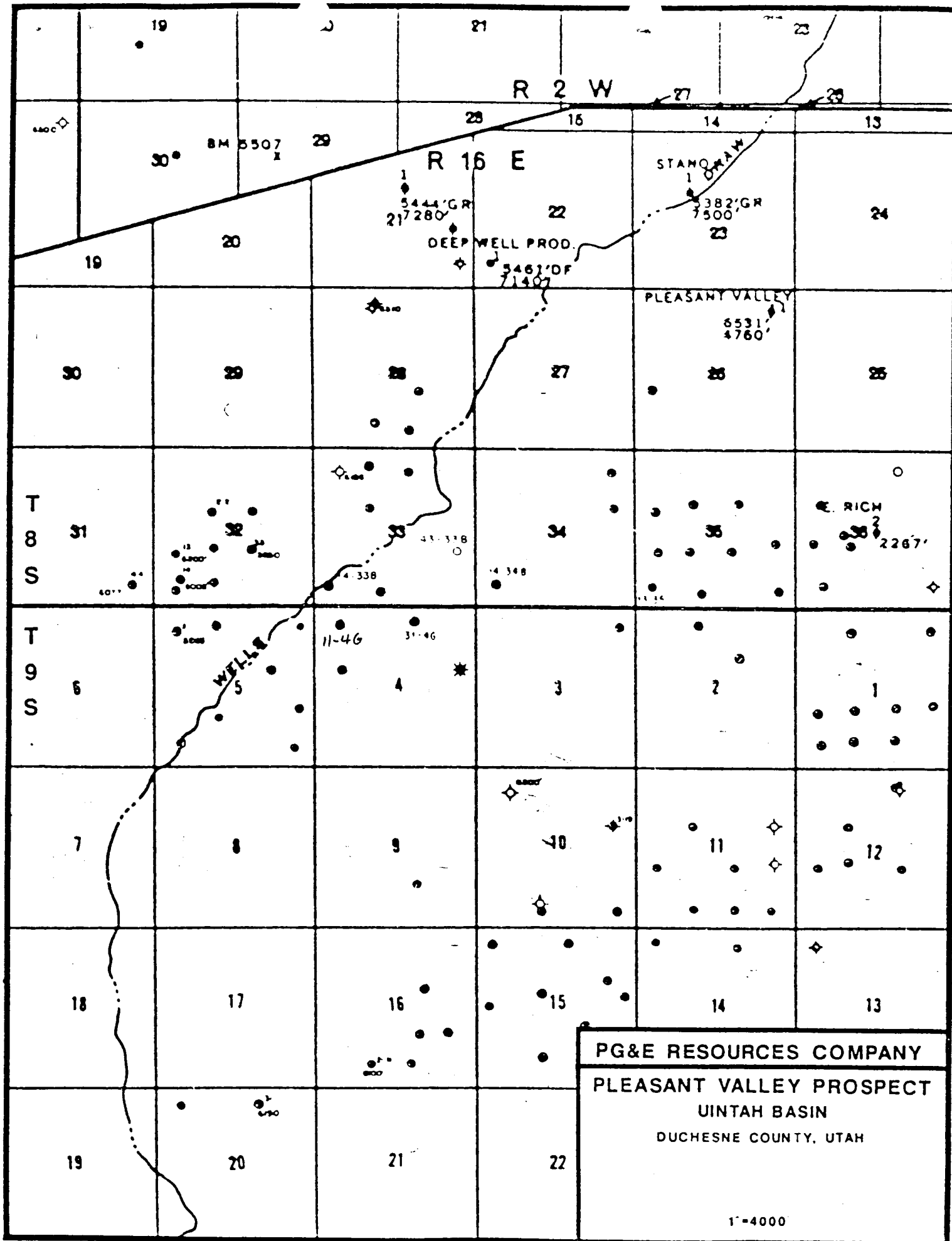
2M CHOKES MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY



3M CHOKES MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY



11-4-G FEDERAL MONUMENT BUTTE
SECTION 4, T9S, R16E, S.L.B.&M.

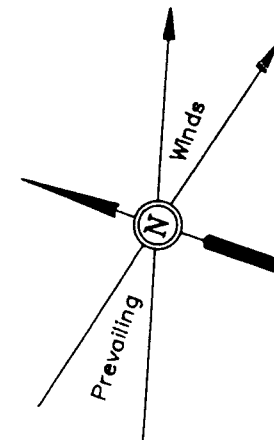


PG&E RESOURCES COMPANY

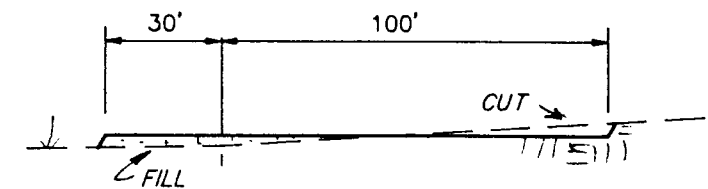
LOCATION LAYOUT FOR

11-4-G FEDERAL MONUMENT BUTTE
SECTION 4, T9S, R16E, S.L.B.&M.

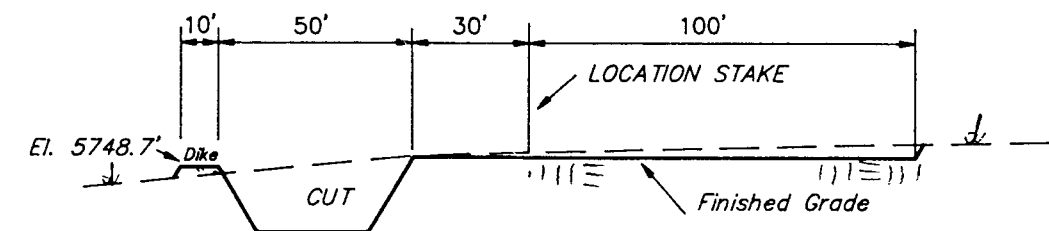
NOV 16 1989



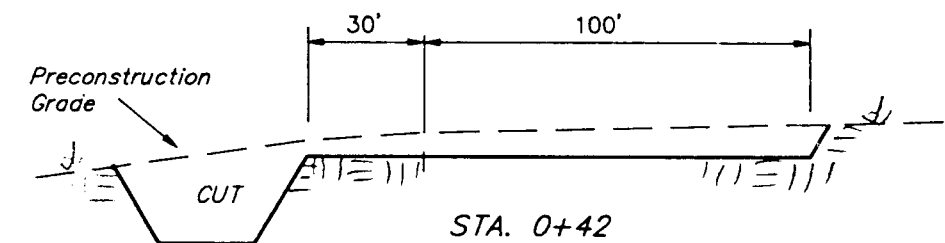
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DATE: 10-18-89



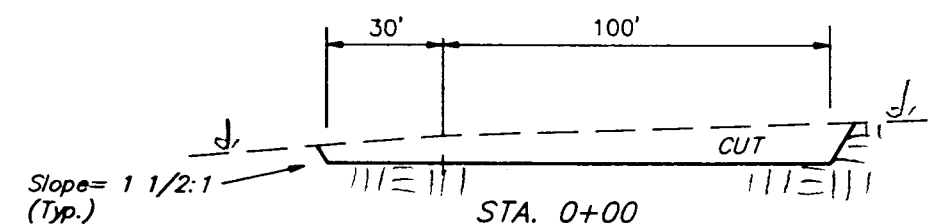
STA. 3+00



STA. 1+50



STA. 0+42



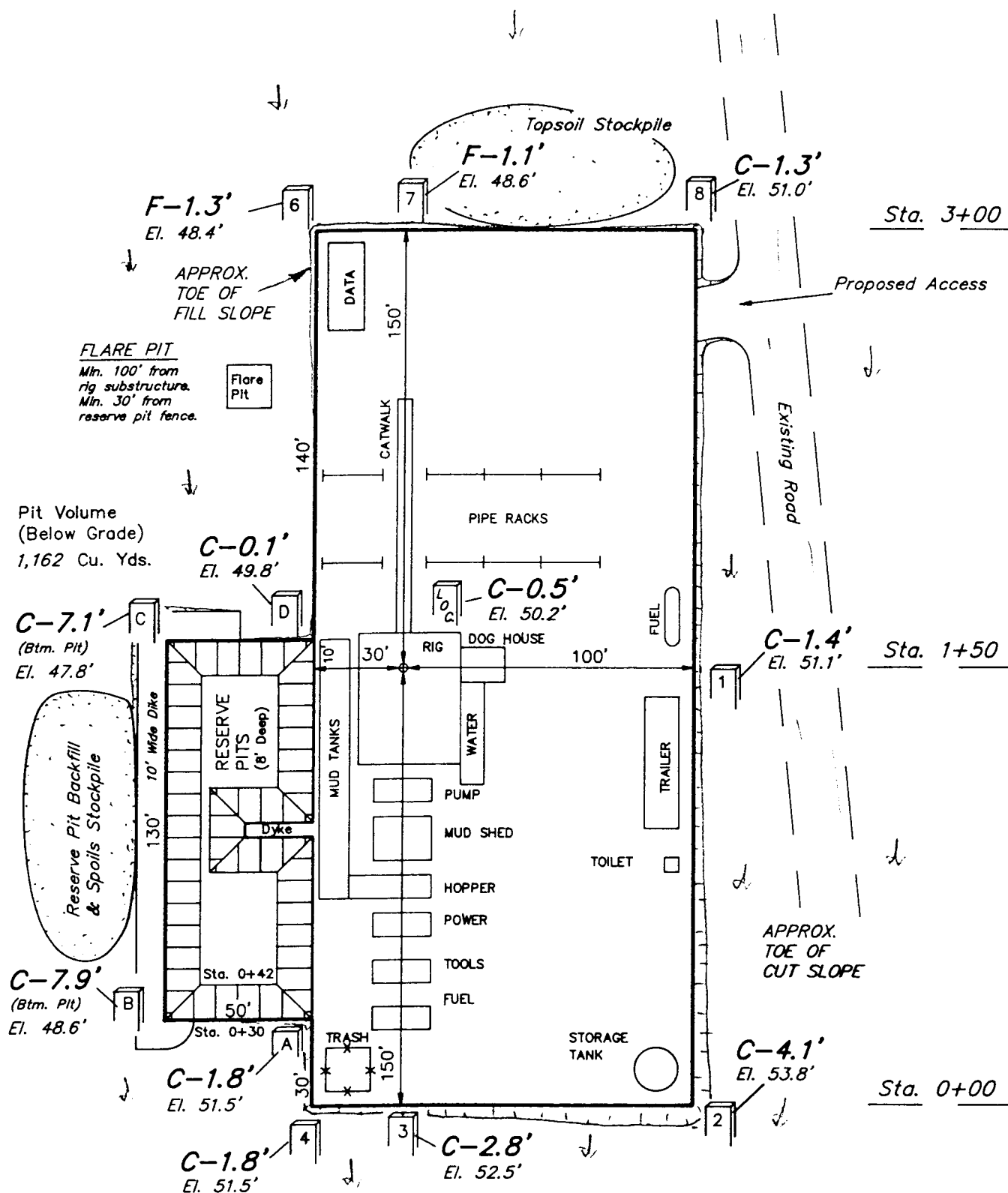
STA. 0+00

TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS

Elev. Ungraded Ground at Location Stake = 5750.2'

Elev. Graded Ground at Location Stake = 5749.7'

UINTAH ENGINEERING & LAND SURVEYING
P.O. Box 1758 Vernal, Utah



APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 843 Cu. Yds.

Remaining Location = 2,591 Cu. Yds.

TOTAL CUT = 3,434 CU.YDS.

FILL = 343 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 3,073 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.) = 1,424 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 1,649 Cu. Yds.

OPERATOR PGE Resources Company (A0595) DATE 11-20-89

WELL NAME Federal 11-4-6

SEC NWNW 4 T 9S R 16E COUNTY Duchesne

43-013-31250
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

☒ PLAT

☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD

☒ POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'
Need Water Permit

APPROVAL LETTER:

SPACING: ☐ R615-2-3 N/A
UNIT

☒ R615-3-2

☐ N/A
CAUSE NO. & DATE

☐ R615-3-3

STIPULATIONS:

1. Water Permit

CONFIDENTIAL
PERIOD
EXPIRED
ON 11-21-91



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

November 22, 1989

PG&E Resources Company
2001 Bryan Tower, Suite 953
Dallas, Texas 75201

Gentlemen:

Re: Federal 11-4-G - NW NW Sec. 4, T. 9S, R. 16E - Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

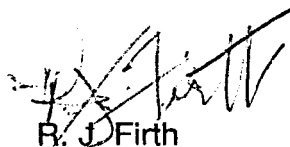
In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31250.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

RECEIVED
DEC 13 1989

DIVISION OF
OIL, GAS & MINING

WATER RIGHT NUMBER: 47 - 1788

APPLICATION NO. A64043

1. PRIORITY OF RIGHT: June 26, 1989

FILING DATE: June 26, 1989

2. OWNER INFORMATION

Name: Joe Shields

Phone: (801) 646-3189

Address: Rt. 3 Box 3650, Myton, UT 84052

The land is owned by the applicant(s).

3. QUANTITY OF WATER: 120.0 acre feet (Ac. Ft.)

4. SOURCE: Unnamed Spring Area DRAINAGE: Pariette Draw

POINT(S) OF DIVERSION:

COUNTY: Duchesne

(1) S. 1520 feet, W. 400 feet, from the E $\frac{1}{4}$ Corner of Section 15,
Township 4 S, Range 2 W, USM

Description of Diverting Works: Tank Trucks

(2) S. 200 feet, W. 400 feet, from the E $\frac{1}{4}$ Corner of Section 15,
Township 4 S, Range 2 W, USM

Description of Diverting Works: Tank Trucks

COMMON DESCRIPTION: 3.5 miles SW of Myton

5. NATURE AND PERIOD OF USE

Oil Exploration From August 30 to August 29.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Oil well drilling and completion.

EXPLANATORY

PLACE OF USE: The water is be used in all or part of the ^{Pariette} ~~Pariette~~ Drainage.

This application is being filed for a fixed time of ten years - from
August 30, 1990 to August 29, 2000.

PG&E Resources Co. Fed. 23-34B-43-013-31241
Fed. 43-33-B-43-013-31240
Fed. 23-33B-43-013-31251
Fed. 11-4-6-43-013-31250

Lishw,

*This is the one he will use as soon
as it is approved, which should be shortly.*

Biene

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

2001 Bryan Tower, Suite 953, Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

800' FWL, 660' FNL NW/NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

API # 43-013-31250

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1,320

19. PROPOSED DEPTH

6,450'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,750' GR.

22. APPROX. DATE WORK WILL START*

November, 1989

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	TD Surface
7 7/8"	5 1/2"	15.5#	TD	As required

Attachments: Drilling Program
Surface Use Plan
Survey Plat
Cut & Fill Diagram
Topographic Maps
Well Location Map



Original & 2 copies: BLM -Vernal District; 2 copies: Div. Oil, Gas & Mining - SLC

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Michael L. McMican
Michael L. McMican

TITLE Petroleum Engineer

DATE November 13, 1989

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Edward B. Leavine
ASSISTANT DISTRICT
MANAGER MINERALS

DEC 13 1989

CONDITIONS OF APPROVAL, IF ANY:

DATE

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

UT080-0M05

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Dogma

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company PG&E Resources Co. Well No. 11-4-G
Location NW/NW Sec. 4 T 9S R 16E Lease No. U-30096

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Useable water may be encountered from +50 to 200 ft., +405-705 ft. and +1835-1946 ft. in the Uinta Formation and from +2815-2895 ft., +4105-4350 ft., +4670-4775 ft., and +4980-5025 ft. in the Green River Formation. The Mahogany oil shale and L1 oil shale have been identified from +2985-3099 ft. and +3255-3322 ft., respectfully.

Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on

which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

Ed Forsman	(801) 789-7077
Petroleum Engineer	

Vernal BLM FAX Number	(801) 789-3634
-----------------------	----------------

Revised October 1, 1985

Date NOS Received 10/23/89

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator PG&E

Well Name & Number 11-4-G

Lease Number U-30096

Location NW 1/4 NW 1/4 Sec. 4 T.9S R.16E

Surface Ownership Federal

B. THIRTEEN POINT SURFACE USE PROGRAM:

1. Well Site Layout

All pits fenced as follows: 39" net wire less than 2" above ground with 1 strand barbed wire 3" above top of net wire, total fence height 42" or more, corner posts cemented or braced to keep fence tight, standard steel posts between corner braces no more than 16' apart, all wire stretched before attached to corner posts.

2. Lessee's or Operator's Representative and Certification

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

DIVISION OF OIL, GAS AND MINING

API NO. 43-013-31250

SPUDDING INFORMATION

NAME OF COMPANY: P G & E RESOURCES COMPANY

WELL NAME: FEDERAL 11-4G

SECTION NWNW 4 TOWNSHIP 9S RANGE 16E COUNTY DUCHESNE

DRILLING CONTRACTOR LEON ROSS

RIG #

SPUDDED: DATE 12/21/89

TIME 9:30 a.m.

HOW DRY HOLE DIGGER

DRILLING WILL COMMENCE CHANDLER #1 - approx. 3 weeks

REPORTED BY KARLA

TELEPHONE #

DATE 12/22/89 SIGNED TAS TAKEN BY: AWS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR (Other instructions on reverse side) (CATE)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

U-30096

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR PG&E Resources Company		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. 11-4-G	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/NW 800' FWL, 660' FNL		10. FIELD AND POOL, OR WILDCAT Monument Butte	
14. PERMIT NO. 43-013-31250		15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5750' Ungraded Ground	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T9S, R16E	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Spud Date	<input checked="" type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well was spud December 21, 1989 at 9:30 a.m. by Leon Ross Drilling (dryhole digger). 289' of 8-5/8" casing was run and cemented w/165 sx Class G 2% CaCl₂. Rotary tools are expected to move in approximately January 15, 1990.

OIL AND GAS	
	RJF
	GLH
	SLS
1-TAS	
MICROFILM	
2-	FILE

CONFIDENTIAL

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Heddleson TITLE Production Supt. DATE 12/26/89
C. M. Heddleson

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR
(Other instructi
verse side)

CATE
on re

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-4-G

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 4, T9S, R16E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NW/NW 800' FWL, 660' FNL

14. PERMIT NO.

43-013-31250

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5750' Ungraded Ground

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Request for Confidential Status

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests that all information concerning the subject well be placed in a "Confidential" status.

CONFIDENTIAL

OIL AND GAS	
DRN	
JRB	CLH
DTS	SLG
1-TAS	
MICROFILM	
2-	FILE

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Heddleson

TITLE

Production Supt.

DATE

12/26/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ENTITY ACTION FORM - FORM 6

OPERATOR PG&E RESOURCES COMPANY
ADDRESS 85 South 200 East
Vernal, UT 84078

OPERATOR ACCT. NO. N 0595

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11046	4301331250	Federal 11-4-G	NW/NW	4	9S	16E	Duchesne	12/21/89	12/21/89
WELL 1 COMMENTS: <i>Federal-Lease Proposed Zone-Douglas Creek</i> <i>Field-Monument Butte (New entity 11046 added 1-4-90) Let</i> <i>Unit- N/A</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

RECEIVED
DEC 28 1989

DIVISION OF
OIL, GAS & MINING

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Connie Mobley
Signature
Production Clerk
Title
Date 12/26/89
Phone No. (801) 789-4573

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR
(Other instruct. on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NW/NW 800' FWL, 660' FNL

14. PERMIT NO.

43-013-31250

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5750' Ungraded Ground

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-4-G

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 4, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/9/90: MIRT.

1/10/90: TD 405'. Drilling. Survey $1\frac{1}{4}^\circ$ @ 284'.

1/11/90: TD 1453'. Drilling. Survey 1° @ 797'. Survey $1\frac{1}{2}^\circ$ @ 1299'.

1/12/90: TD 2432'. Drilling. Survey 1° @ 1751'. Survey $1\frac{1}{2}^\circ$ @ 2277'.

1/13/90: TD 3358'. Drilling. Survey 1° @ 2830'.

1/14/90: TD 4008'. Drilling. Survey 2° @ 3358'. Survey 2° @ 3689'.

1/15/90: TD 4596'. Drilling. Survey $1-3\frac{1}{4}^\circ$ @ 4250'.

OIL AND GAS

DPN
JRB
DTC
SLG

1-TAS

CONFIDENTIAL

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED: C. M. Heddleson

TITLE Production Supt.

DATE 1/15/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

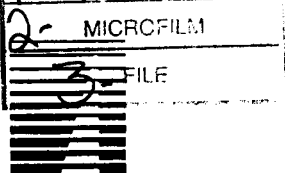
Sundry

SLS

JAN 22 1990

WELL HISTORY

1-TAS



Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
Sec. 4 T. 9S R. 16E
API # 43-013-31250

12-21-89	MI dryhole digger today.	01-13-90	Drlg 3,358', day 5, 926'/23 1/2 hrs., wtr., Surv. 1 @ 2,830', DC \$10,476, CC \$61,045.
12-22-89	MIRU, drilled to 175', SD <u>SPUDDER @ 9:30 AM 12/21/89.</u> CC \$4,850.	01-14-90	Drlg 4,008', day 6, 650'/22 hrs., wtr., Surv. 2 @ 3,358', 2 @ 3,687', DC \$9,331, CC \$70,376.
12-23-89	Drlg 296', day 2, 121'.	01-15-90	Drlg 4,596', day 7, 588'/23 1/2 hrs., wtr., Surv. 1 3/4 @ 4,250', DC \$7,927, CC \$78,303.
12-24-89	TOH, Ran 7 jts., 8 5/8", 24#, K-55, ST&C, Set @ 296', Cmt'd 165 sxs Cl G + 2% CaCl2 + 1/4#/sx Celloflak, Cmt circ, CC \$12,246, <u>WILL DROP FROM REPORT UNTIL ROTARY TOOLS MI.</u>	01-16-90	Trp 5,028', day 8, 432'/20 1/2 hrs., wtr., Surv. 1 3/4 @ 4,708', DC \$6,655, CC \$84,958.
01-09-90	Day 1, Chandler Rig #1 MI & Started RU, DC \$0, CC \$12,246.	01-17-90	Drlg 5,500', day 9, 472'/17 1/2 hrs., wtr., Surv. 2 1/4 @ 5,028', DC \$6,215, CC \$91,173.
01-10-90	Drlg 405', day 2, Fin. RU, NU BOP's & tst, PU bit & DC's, RIH & drilled out shoe, MW 8.3, wtr., DC \$16,090, CC \$28,336.	01-18-90	Drlg 5,983', day 10, 483'/22 hrs., wtr., Surv. 4 3/4 @ 5,571', 3 @ 5,663', 2 3/4 @ 5,755', DC \$6,545, CC \$97,718.
01-11-90	Drlg 1,453', day 3, wtr., 1,048'/22 1/2 hrs., 46.6 fph, DC \$11,285, CC \$39,621.	01-19-90	Drlg 6,450', day 11, 467'/21 hrs., Circ for logs, Surv. 2 @ 6,065', DC \$5,933, CC \$103,651.
01-12-90	Drlg 2,432', day 4, 979'/23 hrs., wtr., Surv. 1 @ 1,751', 1/2 @ 2,277', DC \$10,948, CC \$50,569.		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-30096	
2. NAME OF OPERATOR PG&E Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State law or regulation. See also space 17 below.) At surface NW/NW 800' FWL, 660' FNL		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-31250		9. WELL NO. 11-4-G	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5750' Ungraded Ground		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T9S, R16E	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Weekly Status Report ☒

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/16/90: TD 5028'. Trip. Survey 1-3/4 @ 4708'.
1/17/90: TD 5500'. Drilling. Survey 2 1/4 @ 5028'.
1/18/90: TD 5983'. Drilling. Survey 4-3/4 @ 5571'. Survey 3 @ 5663'. Survey 2-3/4 @ 5755'.
1/19/90: TD 6450'. Drilling. Survey 2 @ 6065'. Circ. for logs.
1/20/90: TD 6453'. Lay down drill pipe. Survey 2 @ 6450'.
1/21/90: TD 6453'. Run 151 jts. 5 1/2" 17# K-55 LTC casing. Rig released @ 10 p.m. 1/20/90.
Current status is waiting on completion tools.

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Heddlow

TITLE _____

DATE _____

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

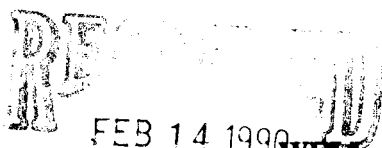
TITLE _____

DATE _____

OIL AND GAS	
DDN	RIF
JRB	CLH
DTS	SLS
1-TAS	
MICROFILM	
January 24, 1990	

CONFIDENTIAL

*See Instructions on Reverse Side



WELL HISTORY

DIVISION OF
OIL, GAS & MINING

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
Sec. 4 T. 4S, R. 12E
43-013-31250



- 01-21-90 RD 6,453', day 13, wtr., LDDP, Ran 151 jts., 5 1/2", 17#, K-55, LT&C, Set @ 6,453' & cmt'd 317 sxs Hi-lift followed by 595 sxs 10-0 RFC, Circ cmt., RR @ 10:00 PM, 1/20/90, DC \$17,730, CC \$37,958.
- 01-22-90 RD, WILL DROP FROM REPORT UNTIL COMPLETION.
- 02-09-90 MIRU, NU BOP's, RIH w/bit & scraper, Clean out to 6,311', Displace hole w/2% KCL treated w/Clasta & Biocide, SION, DC \$2,630, CC \$2,630.
- 02-10-90 Day 2, Fin. POH w/bit & scraper, SD till Monday, DC \$1,517, CC \$4,147.

OIL / GAS	
BIT	DT
CH	CH
DT	SLS
1-TAS	
MICROFILM	
2.	FILE

WELL HISTORY



Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
Sec. 4 T. 9S R. 16E
API # 43-013-31250

01-21-90 RD 6,453', day 13, wtr., LDDP, Ran
151 jts., 5 1/2", 17#, K-55, LT&C,
Set @ 6,453' & cmt'd 317 sxs Hi-
lift followed by 595 sxs 10-0 RFC,
Circ cmt., RR @ 10:00 PM, 1/20/90,
DC \$17,730, CC \$37,958.

01-22-90 RD, WILL DROP FROM REPORT
UNTIL COMPLETION.

OIL ADJ.	
DRN	
JRB	
DTG	CLG
1-TAS	
MICROFILM	
2-	FILE

WELL HISTORY



Federal #11-4-G
 Pleasant Valley
 Duchesne Co., UT FEB 15 1990
 Sec. 14 9S, 16E
 43-013-31250
 DIVISION OF
 OIL, GAS & MINING

- 01-21-90 RD 6,453', day 13, wtr., LDDP, Ran 151 jts., 5 1/2", 17#, K-55, LT&C, Set @ 6,453' & cmt'd 317 sxs Hi-lift followed by 595 sxs 10-0 RFC, Circ cmt., RR @ 10:00 PM, 1/20/90, DC \$17,730, CC \$37,958.
- 01-22-90 RD, WILL DROP FROM REPORT UNTIL COMPLETION.
- 02-09-90 MIRU, NU BOP's, RIH w/bit & scraper, Clean out to 6,311', Displace hole w/2% KCL treated w/Clasta & Biocide, SION, DC \$2,630, CC \$2,630.
- 02-10-90 Day 2, Fin. POH w/bit & scraper, SD till Monday, DC \$1,517, CC \$4,147.
- 02-13-90 Ran CBL 6,310'-2,000', Tstd csg. to 3500#, Perf. 5,847'-5,862', 4" csg. guns, 4 spf, 90 deg., SIFN, DC \$26,134, CC \$30,281.

OIL AD	
1-TAS	
2-	MICROFILM
3-	FILE

RECEIVED
FEB 20 1990

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
Sec. 4 T. 9S R. 16E
43-013-31250



01-21-90 RD 6,453', day 13, wtr., LDDP, Ran 151 jts., 5 1/2", 17#, K-55, LT&C, Set @ 6,453' & cmt'd 317 sxs Hi-lift followed by 595 sxs 10-0 RFC, Circ cmt., RR @ 10:00 PM, 1/20/90, DC \$17,730, CC \$37,958.

02-16-90 Day 6, Flowback after frac, RIH & clean out to RBP, Move RBP to 5,655' & tst, POH, Perf. 5,515'-5,560', 4" csg. guns, 4 spf, 90 deg., SION, DC \$9,048, CC \$67,827.

01-22-90 RD, WILL DROP FROM REPORT UNTIL COMPLETION.

02-09-90 MIRU, NU BOP's, RIH w/bit & scraper, Clean out to 6,311', Displace hole w/2% KCL treated w/Clasta & Biocide, SION, DC \$2,630, CC \$2,630.

02-10-90 Day 2, Fin. POH w/bit & scraper, SD till Monday, DC \$1,517, CC \$4,147.

02-13-90 Ran CBL 6,310'-2,000', Tstd csg. to 3500#, Perf. 5,847'-5,862', 4" csg. guns, 4 spf, 90 deg., SIFN, DC \$26,134, CC \$30,281.

02-14-90 Day 4, RIH & set RBP @ 5,950' and tst, POH, Prep. to frac Wednesday morning, DC \$2,861, CC \$33,142.

02-15-90 Day 5, Frac 5,847'-5,862' w/35,000#, 20/40, 53,000#, 16/30, 88,000# sd ttl., ATP 2300#, ISIP 2330#, DC \$25,637, CC \$58,779.

CONFIDENTIAL

OIL / GAS	
DDI	DDF
JRB	CLH
DTG	SLS
1-TAS	
2-	MICROFILM
3-	FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NW/NW 800' FWL, 660' FNL

14. PERMIT NO.

43-013-31250

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

5750' Ungraded Ground

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-4-G

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANS ☐

Weekly Status Report

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/9/90: Move in and rig up completion tools.

2/10/90: Finish tripping out of hole, lay down bit, scraper and sub. SI for weekend.

2/12/90: Run CBL, GR; TIH and perf F₂ 5847-5862 w/4" csg gun, 4 SPF, 90 phasing.

2/13/90: Pick up Howco RBP & TIH to 5950'. Set RBP and release retrieving tool & POOH.

2/14/90: Frac F₂ zone. Pumped 940 bbls fluid, 35,000# 20/40 and 53,000 16/30 sand. Max PSI 2700, Avg. 2300, ISDP 2330.

2/15/90: Flow back. Perf 5515-5560 w/4" csg gun, 4 SPF 90 phasing, 181 holes.

2/16/90: Frac E₂ 5515-60. Frac pressured out.

2/17/90: Flow back. RU & trip in hole w/Howco tool. Break circ @ 1600' and every 12 stands thereafter. Sand @ 1600' in gel. Wash to top of RBP & retrieve. POOH to 5490' and reset RBP and test to 3500 PSI.

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Heddleson

TITLE

Production Supt.

DATE

2/19/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

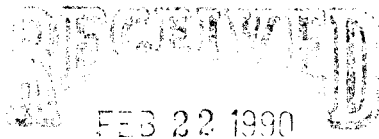
CONDITIONS OF APPROVAL, IF ANY:

MICROFILM

FILE

*See Instructions on Reverse Side

CONFIDENTIAL



UNCLASSIFIED
WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT



01-21-90	RD 6,453', day 13, wtr., LDDP, Ran 151 jts., 5 1/2", 17#, K-55, LT&C, Set @ 6,453' & cmt'd 317 sxs Hi-lift followed by 595 sxs 10-0 RFC, Circ cmt., RR @ 10:00 PM, 1/20/90, DC \$17,730, CC \$37,958.	02-16-90	Day 6, Flowback after frac, RIH & clean out to RBP, Move RBP to 5,655' & tst, POH, Perf. 5,515'-5,560', 4" csg. guns, 4 spf, 90 deg., SION, DC \$9,048, CC \$67,827.
01-22-90	RD, WILL DROP FROM REPORT UNTIL COMPLETION.	02-17-90	Day 7, Frac 5,515'-60', Screened out w/42,000#, 20/40 in formation, Job scheduled from 180,000#, Smith Energy c/n maintain rate, ATP 3700#, ISIP 2700#, 15" 1870#, DC \$32,118, CC \$99,945.
02-09-90	MIRU, NU BOP's, RIH w/bit & scraper, Clean out to 6,311', Displace hole w/2% KCL treated w/Clasta & Biocide, SION, DC \$2,630, CC \$2,630.	02-18-90	Day 8, Flowback after frac, RIH & clean out to RBP, Move RBP to 5,490' & tst, POH, SD till Monday, DC \$2,683, CC \$102,628.
02-10-90	Day 2, Fin. POH w/bit & scraper, SD till Monday, DC \$1,517, CC \$4,147.		
02-13-90	Ran CBL 6,310'-2,000', Tstd csg. to 3500#, Perf. 5,847'-5,862', 4" csg. guns, 4 spf, 90 deg., SIFN, DC \$26,134, CC \$30,281.		
02-14-90	Day 4, RIH & set RBP @ 5,950' and tst, POH, Prep. to frac Wednesday morning, DC \$2,861, CC \$33,142.		
02-15-90	Day 5, Frac 5,847'-5,862' w/35,000#, 20/40, 53,000#, 16/30, 88,000# sd ttl., ATP 2300#, ISIP 2330#, DC \$25,637, CC \$58,779.		

RECEIVED
FEB 22 1990

Oil, Gas & Mining

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
Sec. 4 9S 16E
43-013-31250



01-21-90 RD 6,453', day 13, wtr., LDDP, Ran 151 jts., 5 1/2", 17#, K-55, LT&C, Set @ 6,453' & cmt'd 317 sxs Hi-lift followed by 595 sxs 10-0 RFC, Circ cmt., RR @ 10:00 PM, 1/20/90, DC \$17,730, CC \$37,958.

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02-10-90 Day 2, Fin. POH w/bit & scraper, SD till Monday, DC \$1,517, CC \$4,147.

02-13-90 Ran CBL 6,310'-2,000', Tstd csg. to 3500#, Perf. 5,847'-5,862', 4" csg. guns, 4 spf, 90 deg., SIFN, DC \$26,134, CC \$30,281.

02-14-90 Day 4, RIH & set RBP @ 5,950' and tst, POH, Prep. to frac Wednesday morning, DC \$2,861, CC \$33,142.

02-15-90 Day 5, Frac 5,847'-5,862' w/35,000#, 20/40, 53,000#, 16/30, 88,000# sd ttl., ATP 2300#, ISIP 2330#, DC \$25,637, CC \$58,779.

02-16-90 Day 6, Flowback after frac, RIH & clean out to RBP, Move RBP to 5,655' & tst, POH, Perf. 5,515'-5,560', 4" csg. guns, 4 spf, 90 deg., SION, DC \$9,048, CC \$67,827.

02-17-90 Day 7, Frac 5,515'-60', Screened out w/42,000#, 20/40 in formation, Job scheduled from 180,000#, Smith Energy c/n maintain rate, ATP 3700#, ISIP 2700#, 15" 1870#, DC \$32,118, CC \$99,945.

02-18-90 Day 8, Flowback after frac, RIH & clean out to RBP, Move RBP to 5,490' & tst, POH, SD till Monday, DC \$2,683, CC \$102,628.

02-20-90 Day 9, Perf. 5,360'-70', 5,386'-93', 5,420'-35' w/4" csg. guns, 4 spf, 90 deg., RIH w/pkr. & set @ 5,405', Brk. dn upper & lwr. perfs. w/rig pmp, Rel. pkr. & POH, DC \$8,571, CC \$111,199.

OIL AND GAS	
SPN	RUF
JAB	GLH
RTS	SLS
1-TAS	
2-	MICROFILM
3-	FILE

RECEIVED
FEB 23 1990

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 9516E

1-TAS	
2-	MICROFILM
3-	FILE



01-21-90 RD 6,453', day 13, wtr., LDDP, Ran
151 jts., 5 1/2", 17#, K-55, LT&C,
Set @ 6,453' & cmt'd 317 sxs Hi-
lift followed by 595 sxs 10-0 RFC,
Circ cmt., RR @ 10:00 PM, 1/20/90,
DC \$17,730, CC \$37,958.

02-16-90 Day 6, Flowback after frac, RIH & clean out to RBP, Move RBP to 5,655' & tst, POH, Perf. 5,515'-5,560', 4" csg. guns, 4 spf, 90 deg., SION, DC \$9,048, CC \$67,827.

01-22-90 RD, WILL DROP FROM REPORT
UNTIL COMPLETION.

02-17-90 Day 7, Frac 5,515'-60', Screened out w/42,000#, 20/40 in formation, Job scheduled from 180,000#, Smith Energy c/n maintain rate, ATP 3700#, ISIP 2700#, 15" 1870#, DC \$32,118, CC \$99,945.

02-09-90 MIRU, NU BOP's, RIH w/bit & scraper, Clean out to 6,311', Displace hole w/2% KCL treated w/Clasta & Biocide, SION, DC \$2,630, CC \$2,630.

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02-10-90 Day 2, Fin. POH w/bit & scraper,
SD till Monday, DC \$1,517, CC
\$4,147.

02-20-90 Day 9, Perf. 5,360'-70', 5,386'-93',
5,420'-35' w/4" csg. guns, 4 spf, 90
deg., RIH w/pkr. & set @ 5,405',
Brk. dn upper & lwr. perfs. w/rig
pmp, Rel. pkr. & POH, DC \$8,571,
CC \$111,199.

02-13-90 Ran CBL 6,310'-2,000', Tstd csg. to 3500#, Perf. 5,847'-5,862', 4" csg. guns, 4 spf, 90 deg., SIFN, DC \$26,134, CC \$30,281.

02-21-90 *5360' - 70'*
Frac'd ~~5,360'-60'~~, 5,386'-93', 5,420'-
35' w/70,000# 20/40 & 68,000#
16/30, 138,000# sd ttl., ATP 2600,
ISIP 1800, 15" 940, DC \$37,793, CC
\$148,992.

02-14-90 Day 4, RIH & set RBP @ 5,950'
and tst, POH, Prep. to frac
Wednesday morning, DC \$2,861, CC
\$33,142.

02-15-90 Day 5, Frac 5,847'-5,862' w/35,000#, 20/40, 53,000#, 16/30, 88,000# sd ttl., ATP 2300#, ISIP 2330#, DC \$25,637. CC \$58,779.

RECEIVED
FEB 26 1990

WELL HISTORY



Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 9 5 14 E

02-22-90 Day 11, Flw back after frac, RIH &
Clean out to RBP, Move RBP to
5,300' & tst, Perf. 5,222'-30', 5,108'-
13', 5,013'-19', 19' ttl., w/4" csg., 4
spf, 90 deg., DC \$4,369, CC \$53,361.

OIL AND GAS	
DTN	RJF
JFB	GLH
DTN	SLS
1-TAS	✓
2-	MICROFILM
3-	FILE

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31850
Sec. 4 T. 9S R. 16E



- 02-22-90 Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.
- 02-23-90 Day 12, RIH RBP & set @ 5,150', Set pkr. @ 5,050', Brk. dn upper & middle perms. w/rig pmp & KCL wtr., Move RBP to 5,265' & pkr. to 5,150', Brk. dn lower perms. w/rig pmp & KCL wtr., POH w/pkr. & RBP, Began pmpg frac, Treating press. 3520 psi, SD, Estm. only 13 holes open, Will spot acid & brk. dn again and frac friday, DC \$1,923, CC \$155,284.
- 02-24-90 Day 13, Brk. dn perms. w/acid, Frac w/41,000# 16/30 sd, ATP 2900, 15" 1150, DC \$44,670, CC \$199,954.
- 02-25-90 Day 14, Flowback after frac, RIH & cleaned out to RBP @ 5,150', Well trying to flow, Move RBP to 4,982'.

FEB 28 1990

OIL AND GAS	
DPN	RJF
JRB	GLH
BTS	SLS
1-TAS	
2.	MICROFILM
3.	FILE

MAR 02 1990

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 Q3 14E



02-22-90 Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.

02-23-90 Day 12, RIH RBP & set @ 5,150', Set pkr. @ 5,050', Brk. dn upper & middle perfs. w/rig pmp & KCL wtr., Move RBP to 5,265' & pkr. to 5,150', Brk. dn lower perfs. w/rig pmp & KCL wtr., POH w/pkr. & RBP, Began pmpg frac, Treating press. 3520 psi, SD, Estm. only 13 holes open, Will spot acid & brk. dn again and frac friday, DC \$1,923, CC \$155,284.

02-24-90 Day 13, Brk. dn perfs. w/acid, Frac w/41,000# 16/30 sd, ATP 2900, 15" 1150, DC \$44,670, CC \$199,954.

02-25-90 Day 14, Flowback after frac, RIH & cleaned out to RBP @ 5,150', Well trying to flow, Move RBP to 4,982'.

02-27-90 Day 15, Frac 4,924'-46' w/48,000# 20/40 sd, Sand master brk. dn & couldn't pmp, 16/30 sd (63,000# scheduled), ATP 2550#, ISIP 1770#, 15" 1500#, DC \$27,573, CC \$232,174.

02-28-90 Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBTB, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.

OIL AND GAS	
DBN	
JES	CLT
DTS	SLS
1-TAS	
2.	MICROFILM
3.	FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-30096	
2. NAME OF OPERATOR PG&E Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/NW 800' FWL, 660' FNL		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-31250		9. WELL NO. 11-4-G	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5750' Ungraded Ground		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T9S, R16E	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Weekly Status

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/19/90: Perf 5360-70, 5386-93, 5420-35 w/4" csg guns, 4 spf 90 degree. RIH w/packer and set @ 5405. Brk dn upper & lwr perfs w/rig pump. Rel pkr & POH.

2/20/90: Frac 5360-60, 5386-93, 5420-35 w/70,000# 20/40 & 68,000# 16/30, 138,000# sand total. ATP 2600, ISIP 1800, 15" 940.

2/21/90: Flow back. RIH and clean out to RBP. Move RBP to 5300 & test. Perf 5222-30, 5108-13, 5013-19, 19' total w/4" csg, 4 spf, 90 degrees.

2/22/90: RIH RBP & set @ 5150, set pkr @ 5050', brk dn upper & middle perfs w/rig pump & KCL wtr. Move RBP to 5265 & pkr to 5150, brk dn lwr perfs w/rig pump & KCL wtr. POH w/pkr & RBP. Began pumping frac. Treating press 3520 psi, SD, estm only 13 holes open. Will spot acid & brk dn again.

2/23/90: Brk dn perfs w/acid. Frac w/41,000# 16/30 sand. ATP 2900, 15" 1150.

2/24/90: Flowback after frac. RIH & cleaned out to RBP @ 5150. Well trying to flow. Move RBP to 4982.

2/26/90: Frac 4924-46 w/48,000# 20/40 sd, Sand master brk dn & couldn't pump, 16/30 sd (63,000# sched.) ATP 2550#, ISIP 1770#, 15" 1500#.

2/27/90: Flowback. RIH & clean out to RBP. Rel RBP & clean out to PBTD, POH, RIH w/prod string & set anchor @ 4845, EOT @ 5878, NU, WH.

2/28/90: Run rods, sinker bars and pump. Rig Released @ 4 p.m.

3/1/90: Wait on production equipment.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Heddleson
C. M. Heddleson

TITLE

Production Supt.

DATE

3/2/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Copies: Div. OG&M; Chorney; Central Files; SGoodrich

*See Instructions on Reverse Side

CONFIDENTIAL

RECEIVED
MAR 05 1990

950 Berkshire Lane, Suite 600
Dallas, Texas 75225
Telephone 214/750-3800
FAX 214/750-3883

DIVISION OF
OIL, GAS & MINING

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 9 S 16 E



- | | | | |
|----------|---|----------|---|
| 02-22-90 | Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361. | 02-28-90 | Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBTD, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714. |
| 02-23-90 | Day 12, RIH RBP & set @ 5,150', Set pkr. @ 5,050', Brk. dn upper & middle perfs. w/rig pmp & KCL wtr., Move RBP to 5,265' & pkr. to 5,150', Brk. dn lower perfs. w/rig pmp & KCL wtr., POH w/pkr. & RBP, Began pmpg frac, Treating press. 3520 psi, SD, Estm. only 13 holes open, Will spot acid & brk. dn again and frac friday, DC \$1,923, CC \$155,284. | | |
| 02-24-90 | Day 13, Brk. dn perfs. w/acid, Frac w/41,000# 16/30 sd, ATP 2900, 15" 1150, DC \$44,670, CC \$199,954. | | |
| 02-25-90 | Day 14, Flowback after frac, RIH & cleaned out to RBP @ 5,150', Well trying to flow, Move RBP to 4,982'. | | |
| 02-27-90 | Day 15, Frac 4,924'-46' w/48,000# 20/40 sd, Sand master brk. dn & couldn't pmp, 16/30 sd (63,000# scheduled), ATP 2550#, ISIP 1770#, 15" 1500#, DC \$27,573, CC \$232,174. | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI
(Other instructions
reverse side)

DATE
on re-

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAR 26 1990
DIVISION OF
OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-30096
2. NAME OF OPERATOR PG&E Resources Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW/NW 800' FWL, 660' FNL		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-31250		9. WELL NO. 11-4-G
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5750' Ungraded Ground		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T9S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Site Security <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Plan diagram for the subject well.

CONFIDENTIAL

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
MICROFILM	
1-	FILE

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED J. D. Miller

TITLE Production Foreman

DATE 3/22/90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TF
(Other instruct.
verse side)

CATE
OR re

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back or otherwise alter or
Use "APPLICATION FOR PERMIT—" for such proposals)

RECEIVED
MAR 26 1990

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NW/NW 800' FWL, 660' FNL

14. PERMIT NO.

43-013-31250

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5750' Ungraded Ground

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-4-G

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 4, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Initial Production

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent
to this work.)*

Operator reports the subject well was put on line at 12 noon March 21, 1990.
Initial production was 78 bbls. of oil and approximately 130 bbls. of water.

Future reports will be submitted on MMS Form 3160.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
MICROFILM	
2-	FILE

CONFIDENTIAL

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED

Randy D. Miller
Randy D. Miller

TITLE

Production Foreman

DATE

March 22, 1990

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CONFIDENTIAL

RECEIVED
MAR 26 1990

950 Berkshire Lane, Suite 600
Dallas, Texas 75225
Telephone 214/750-3800
FAX 214/750-3883

Confidential

DIVISION OF
OIL, GAS & MINING

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 9S, 16E

02-22-90 Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.

02-23-90 Day 12, RIH RBP & set @ 5,150', Set pkr. @ 5,050', Brk. dn upper & middle perms. w/rig pmp & KCL wtr., Move RBP to 5,265' & pkr. to 5,150', Brk. dn lower perms. w/rig pmp & KCL wtr., POH w/pkr. & RBP, Began pmpg frac, Treating press. 3520 psi, SD, Estm. only 13 holes open, Will spot acid & brk. dn again and frac friday, DC \$1,923, CC \$155,284.

02-24-90 Day 13, Brk. dn perms. w/acid, Frac w/41,000# 16/30 sd, ATP 2900, 15" 1150, DC \$44,670, CC \$199,954.

02-25-90 Day 14, Flowback after frac, RIH & cleaned out to RBP @ 5,150', Well trying to flow, Move RBP to 4,982'.

02-27-90 Day 15, Frac 4,924'-46' w/48,000# 20/40 sd, Sand master brk. dn & couldn't pmp, 16/30 sd (63,000# scheduled), ATP 2550#, ISIP 1770#, 15" 1500#, DC \$27,573, CC \$232,174.

02-28-90 Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBTD, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.

03-23-90 78 BO, 130 BW.

OIL AND GAS	
DRN	RIF
JRB	CLH
DTC	SLS
1-TAS	
MICROFILM	
2-	FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>			
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. REVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR PG&E Resources Company							
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW/NW 800' FWL, 660' FNL At top prod. interval reported below At total depth							
14. PERMIT NO. 43-013-31250				DATE ISSUED 11/22/89			
15. DATE SPUDDED 12/21/89		16. DATE T.D. REACHED 1/19/90		17. DATE COMPL. (Ready to prod.) 3/21/90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5750' Un. Gr.	
20. TOTAL DEPTH, MD & TVD 6453'		21. PLUG. BACK T.D., MD & TVD 6311'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-6453'	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River 4924-5862'							
25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/CDL/DSN/CBL/VDL							
27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED
8-5/8"		24#	289.47	12 1/4"	165 sx Class G 2% CaCl ₂ 1/2#		FC -0-
5-1/2"		17#	6453.00	7-7/8"	317 sx HL 595 sx 10-0 RFC		-0-
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE 2-7/8"	DEPTH SET (MD) 5878.74	ANCHOR SET (MD) 4833'
31. PERFORATION RECORD (Interval, size and number)				32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC.			
5847-62		15'	60 shots	DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5515-60		45'	181 shots	5847-5862: 35000#		20/40 53000# 16/30 940 bbls fl.	
5360-5435		32'	131 shots	5515-5560: 42000#		20/40 1144 bbls. fluid	
5013-5230		19'	96 shots	5360-5435: 70000#		20/40 68000# 16/30 1468 bbls fl.	
4924-46		22'	89 shots	5013-5230: 1500gal acid		46000# 16/30 880 bbls fl.	
33.* PRODUCTION 4924-4946: 45000# 20/40 789 bbls fluid							
DATE FIRST PRODUCTION 3/21/90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Insert rod pump 2 1/2 x 1-3/4 x 16' RHAC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/21-22/90	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD 78	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE 60#	CALCULATED 24-HOUR RATE	OIL—BSL. 78	GAS—MCF.	WATER—BSL. 130	OIL GRAVITY-API (CORR.) 32.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel gas, sold and/or vented							TEST WITNESSED BY DeVon Smuin
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED DeVon Smuin TITLE Area Foreman DATE 3/22/90

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TI
(Other instruct.
verse side)

CATE*
on re

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-4-G

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 4, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

NW/NW 800' FWL, 660' FNL

14. PERMIT NO.

43-013-31250

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5750' Ungraded Ground

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

NTL-2B

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above ground tank. The tank will be fiberglass with a capacity of approximately 100 bbls. Water from the tank will be taken by truck and disposed of at Rooney Operating's disposal well or Dave Murray's disposal pond.

Operator also proposes construction of an emergency pit to be 20' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 24 hrs.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3-21-90
BY: [Signature]

Copies: Div. Oil, Gas & Mining; Chorney; Central Files; SGoodrich

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

Production Foreman

DATE

3/22/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

CONFIDENTIAL

OIL AND GAS	
DRN	INT
JRB	CLH
DTS	SLS
2-TAS	
MICROFILM	
FILE	

RECEIVED
MAR 28 1990**WELL HISTORY**DIVISION OF
OIL, GAS & MININGFederal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 9S, 16E

- 02-22-90 Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.
- 02-23-90 Day 12, RIH RBP & set @ 5,150', Set pkr. @ 5,050', Brk. dn upper & middle perfs. w/rig pmp & KCL wtr., Move RBP to 5,265' & pkr. to 5,150', Brk. dn lower perfs. w/rig pmp & KCL wtr., POH w/pkr. & RBP, Began pmpg frac, Treating press. 3520 psi, SD, Estm. only 13 holes open, Will spot acid & brk. dn again and frac friday, DC \$1,923, CC \$155,284.
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- 02-25-90 Day 14, Flowback after frac, RIH & cleaned out to RBP @ 5,150', Well trying to flow, Move RBP to 4,982'.
- 02-27-90 Day 15, Frac 4,924'-46' w/48,000# 20/40 sd, Sand master brk. dn & couldn't pmp, 16/30 sd (63,000# scheduled), ATP 2550#, ISIP 1770#, 15" 1500#, DC \$27,573, CC \$232,174.
- 02-28-90 Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBDT, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.
- 03-23-90 78 BO, 130 BW.
- 03-23-90 90 BO, 30 BW.
- 03-24-90 116 BO, 22 BW.
- 03-25-90 114 BO, 53 BW.

OIL AND GAS	
DN	RBF
JRB	GLH
PT	SLS
1-TAS	
MICROFILM	
Q-	FILE

RECEIVED
 MAR 29 1990

WELL HISTORY

Federal #11-4-G
 Pleasant Valley
 Duchesne Co., UT
 43-013-31250
 Sec. 4 9S, 16E

- 02-22-90 Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.
- 02-23-90 Day 12, RIH RBP & set @ 5,150', Set pkr. @ 5,050', Brk. dn upper & middle perfs. w/rig pmp & KCL wtr., Move RBP to 5,265' & pkr. to 5,150', Brk. dn lower perfs. w/rig pmp & KCL wtr., POH w/pkr. & RBP, Began pmpg frac, Treating press. 3520 psi, SD, Estm. only 13 holes open, Will spot acid & brk. dn again and frac friday, DC \$1,923, CC \$155,284.
- 02-24-90 Day 13, Brk. dn perfs. w/acid, Frac w/41,000# 16/30 sd, ATP 2900, 15" 1150, DC \$44,670, CC \$199,954.
- 02-25-90 Day 14, Flowback after frac, RIH & cleaned out to RBP @ 5,150', Well trying to flow, Move RBP to 4,982'.
- 02-27-90 Day 15, Frac 4,924'-46' w/48,000# 20/40 sd, Sand master brk. dn & couldn't pmp, 16/30 sd (63,000# scheduled), ATP 2550#, ISIP 1770#, 15" 1500#, DC \$27,573, CC \$232,174.
- 02-28-90 Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBTD, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.
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- 03-23-90 90 BO, 30 BW.
- 03-24-90 116 BO, 22 BW.
- 03-25-90 114 BO, 53 BW.
- 03-27-90 105 BO, 25 BW.

OIL AND GAS	
DBN	CLS
JFB	CLS
DTS	CLS
1-TAS	
MICROFILM	
2-	FILE

RECEIVED
 MAR 30 1990

WELL HISTORY

DIVISION OF
 OIL GAS & MINING

Federal #11-4-G
 Pleasant Valley
 Duchesne Co., UT
 43-013-31250
 Sec. 4 95, 116E

02-22-90	Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.	02-28-90	Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBDT, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.
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OIL AND GAS	
DPN	RJF
JFB	CLH
	SLS
1-TAS	
MICROFILM	
2-	FILE

RECEIVED

APR 04 1990 WELL HISTORY

DIVISION OF
OIL, GAS & MINING



Federal #11-4-G
Pleasant Valley
Duchesne Co., UT
43-013-31250
Sec. 4 9S, 16E

02-22-90	Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.	02-28-90	Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBTD, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.
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02-24-90	Day 13, Brk. dn perms. w/acid, Frac w/41,000# 16/30 sd, ATP 2900, 15" 1150, DC \$44,670, CC \$199,954.	03-23-90	78 BO, 130 BW.
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		03-25-90	114 BO, 53 BW.
		03-26-90	105 BO, 25 BW.
		03-27-90	18 BO, 0 BW in 2-4 hrs.
		03-28-90	Returned oil from hot oil job + 97 BO & 2 BW.
		03-29-90	107 BO, 0 BW in 24 hrs.
		03-30-90	98 BO, 6 BW.
		03-31-90	344 BO, 32 BW.

WELL HISTORY

**Federal #11-4-G
 Pleasant Valley
 Duchesne Co., UT**



04-01-90 295 BO, 87 BW.

OIL AND GAS	
DRN	DEF
JRB	CLH
DTS	SLG
1-TAS	
MICROFILM	
2-	FILE

RECEIVED
APR 05 1990

5950 Berkshire Lane, Suite 600
Dallas, Texas 75225
Telephone 214/750-3800
FAX 214/750-3883

DIVISION OF
OIL, GAS & MINING

WELL HISTORY

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT



02-22-90	Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.	02-28-90	Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBDT, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.
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		03-29-90	107 BO, 0 BW in 24 hrs.
		03-30-90	98 BO, 6 BW.
		03-31-90	344 BO, 32 BW.

RECEIVED
APR 05 1990

WELL HISTORY

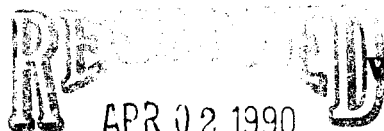
DIVISION OF
OIL, GAS & MINING

Federal #11-4-G
Pleasant Valley
Duchesne Co., UT



04-01-90 295 BO, 87 BW.
04-02-90 229 BO, 71 BW, FINAL REPORT.

OIL AND GAS	
DATE	TIME
JUL	11
PT	ULS
1-TAS	
MICROFILM	
2-	FILE



WELL HISTORY

DIVISION OF
OIL, GAS & MINING

Federal #11-4-G
 Pleasant Valley
 Duchesne Co., UT
 43-013-31250
 Sec. 4 9S, 16E

02-22-90	Day 11, Flw back after frac, RIH & Clean out to RBP, Move RBP to 5,300' & tst, Perf. 5,222'-30', 5,108'-13', 5,013'-19', 19' ttl., w/4" csg., 4 spf, 90 deg., DC \$4,369, CC \$53,361.	02-28-90	Day 16, Flowback after frac, RIH & Clean out to RBP, Well kicking oil & gas to surf., Rel. RBP & clean out to PBTD, TOH, RIH w/prod. string & set anchor @ 4,845', EOT @ 5,878', NU WH, SDFN, DC \$2,540, CC \$234,714.
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OIL AND GAS	
DPN	
JRB	
DTG	SLG
1-TAS	
MICROFILM	
2-	FILE

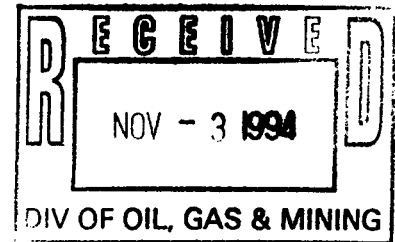
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script, reading "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	REC/GIL
2	LWF 7-PL
3	DT 18-SJ
4	VLC 19-FILE
5	RJF
6	LWP

☒ Change of Operator (~~well sold~~)

☐ Designation of Operator

☐ Designation of Agent

☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator)	DALEN RESOURCES OIL & GAS CO.	FROM (former operator)	PG&E RESOURCES COMPANY
(address)	6688 N CENTRAL EXP STE 1000	(address)	6688 N CENTRAL EXP STE 1000
	DALLAS TX 75206-3922		DALLAS TX 75206-3922
phone (<u>214</u>)	<u>750-3800</u>	phone (<u>214</u>)	<u>750-3800</u>
account no.	<u>N3300 (11-29-94)</u>	account no.	<u>N0595</u>

Well(s) (attach additional page if needed):

***WELLS DRAW (GRRV) UNIT**
***WEST WILLOW CREEK UNIT**

Name: **SEE ATTACHED**	API: <u>013-31250</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-3-94)*
- Lee* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-3-94)*
- Lee* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- Lee* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-29-94)*
- Lee* 6. Cardex file has been updated for each well listed above. *12-7-94*
- Lee* 7. Well file labels have been updated for each well listed above. *12-8-94*
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-29-94)*
- Lee* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 3 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
PG&E RESOURCES COMPANY
6688 N CENTRAL EXP #1000
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595REPORT PERIOD (MONTH/YEAR): 8 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 41-5-G						✓ 1130096	(wells draw GRRV Unit)	
4301331205	10859	09S 16E 5	GRRV					
✓ FEDERAL 23-9-H						✓ 1150750		
4301331206	10868	09S 17E 9	GRRV					
✓ FEDERAL 24-33-B						✓ 1149092	(wells draw GRRV Unit)	
4301331214	10913	08S 16E 33	GRRV					
✓ FEDERAL 31-4-G						✓ 1130096	(wells draw GRRV Unit)	
4301331228	10979	09S 16E 4	GRRV					
✓ FEDERAL 14-34-B						✓ 1147171	(wells draw GRRV Unit)	
4301331225	10980	08S 16E 34	GRRV					
✓ FEDERAL 14-33-B						✓ 1149092	(wells draw GRRV Unit)	
4301331229	10988	08S 16E 33	GRRV					
✓ FEDERAL 43-33-B						✓ "	(wells draw GRRV Unit)	
4301331240	11007	08S 16E 33	GRRV					
✓ FEDERAL 23-34-B						✓ 1147171	(wells draw GRRV Unit)	
4301331241	11041	08S 16E 34	GRRV					
✓ FEDERAL 11-4-G						✓ 1130096	(wells draw GRRV Unit)	
4301331250	11046	09S 16E 4	GRRV					
✓ FEDERAL 23-33-B						✓ 1149092	(wells draw GRRV Unit)	
4301331251	11047	08S 16E 33	GRRV					
✓ FEDERAL 31-5-G						✓ 1130096	(wells draw GRRV Unit)	
4301331252	11054	09S 16E 5	GRRV					
✓ FEDERAL 34-33-B						✓ 1149092	(wells draw GRRV Unit)	
4301331269	11079	08S 16E 33	GRRV					
✓ FEDERAL 44-33-B						✓ "	(wells draw GRRV Unit)	
4301331270	11084	08S 16E 33	GRRV					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :
6688 N. Central Expwy., #1000 : Oil and Gas
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To	LISHA CARDONA	From
Co.	STATE OF UTAH	Co.
Dept.	OIL & GAS	Phone #
Fax #	359-3940	Fax #
		539-4260

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A x confirmed BLM/SL
11-29-94. Lee

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
✓ Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43013-30587
✓ Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
✓ Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
✓ State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
✓ Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
✓ Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
✓ Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
✓ Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
✓ Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
✓ Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
✓ Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
✓ Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
✓ Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
✓ NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
✓ Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
✓ NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
✓ Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
✓ Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
✓ Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
✓ Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
✓ Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
✓ Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
✓ Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
✓ Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
✓ Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
✓ Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
✓ Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
✓ Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

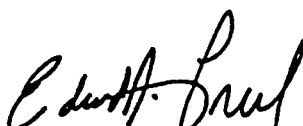
State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION,
WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF
"DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED
AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D.
1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO
THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.





Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

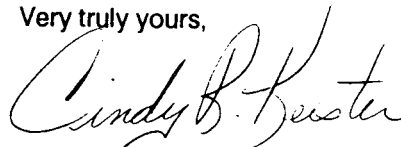
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:	
1- LAC / CHD	
2- DTS / FILE	
3- VLD / 8-FILE	
4- RJP	
5- LK	
6- SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator) <u>ENSERCH EXPLORATION INC</u>	FROM (former operator) <u>DALEN RESOURCES OIL & GAS</u>
(address) <u>4849 GREENVILLE AVE STE 1200</u>	(address) <u>6688 N CENTRAL EXP #1000</u>
<u>DALLAS TX 75206</u>	<u>DALLAS TX 75206-3922</u>
<u>CINDY KEISTER</u>	<u>CINDY KEISTER</u>
phone (214) <u>987-6353</u>	phone (214) <u>987-6353</u>
account no. <u>N4940 (1-29-96)</u>	account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 1-22-96)
- Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 1-22-96)
- Lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #171513. (1-4-95)
- Lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-12-96)
- Lec 6. Cardex file has been updated for each well listed above. (2-12-96)
- Lec 7. Well file labels have been updated for each well listed above. (2-12-96)
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-12-96)
- Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands / Bond & Lease update in progress!*

- Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- VDR 1. All attachments to this form have been microfilmed. Date: March 13 1996.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Aprv. eff. 12-31-95.

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
* *	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓ *	Federal	21- 4G	U-30096	✓ 43-013-31272	NE NW	4	9S	16E	Duchesne	(W/W)
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne	
✓ *	Federal	32- 5G	U-30096	✓ 43-013-30670	SW NE	5	9S	16E	Duchesne	(W/W)
✓ *	Federal	41- 5G	U-30096	✓ 43-013-31205	NE SW	5	9S	16E	Duchesne	(W/W)
*	Federal	43- 5G	U-034217-AV	✓ 43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne	
✓ *	Federal	14- 33B	U-49092	✓ 43-013-31229	SW SW	33	8S	16E	Duchesne	(W/W)
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne	
✓ *	Federal	34- 33B	U-49092	✓ 43-013-31269	SW SE	33	8S	16E	Duchesne	(W/W)
✓ *	Federal	43- 33B	U-49092	✓ 43-013-31240	NE SE	33	8S	16E	Duchesne	(W/W)
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne	
✓ *	Federal	14- 34B	U-47171	✓ 43-013-31225	SW SW	34	8S	16E	Duchesne	(W/W)
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	✓ 43-047-31175	SW NE	29	9S	18E	WINSTON	POW

**United States Department of the Interior
BUREAU OF LAND MANAGEMENT**

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc.	:	Oil and Gas
4849 Greenville Ave., Suite 1200	:	U-01470A et al
Dallas, Texas 75206-4186	:	

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

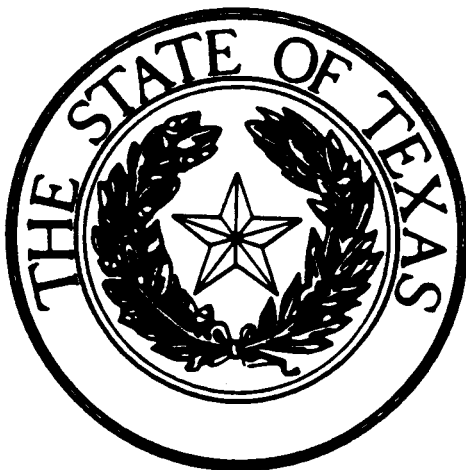
The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of


DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

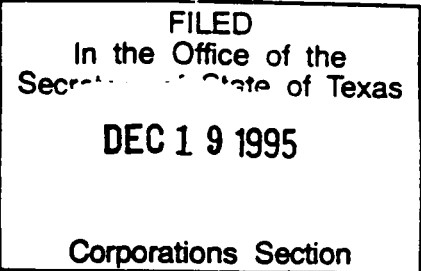
Effective December 31, 1995 04:55 PM





Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF
DALEN Corporation
INTO
Enserch Exploration, Inc.



Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.
2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ("DALEN"), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
Name: J. W. Pinkerton
Title: Vice President and Controller,
Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

Antonio O. Garza, Jr.
Secretary of State

MAC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. —

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 4, NW/4 NW/4, T9S-R16E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 11-4-G

9. API Well No.

43-013-31250

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

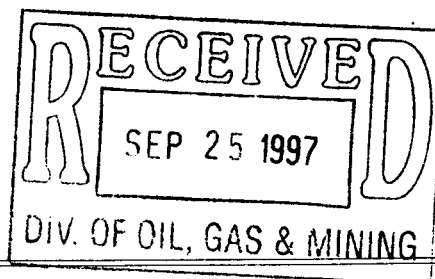
- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 4, NW/4 NW/4, T9S-R16E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 11-4-G

9. API Well No.

43-013-31250

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

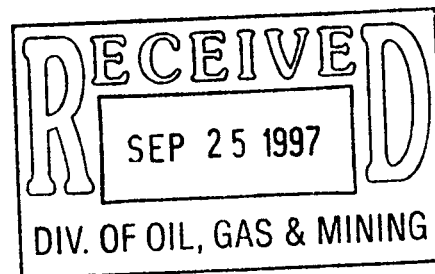
- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the WDU #11-4G Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-CH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator) (address) <u>INLAND PRODUCTION CO</u> <u>PO BOX 1446</u> <u>ROOSEVELT UT 84066</u> Phone: <u>(801) 722-5103</u> Account no. <u>N5160</u>	FROM: (old operator) (address) <u>ENSERCH EXPLORATION INC</u> <u>4849 GREENVILLE AVE #1200</u> <u>DALLAS TX 75206-4145</u> Phone: <u>(214) 987-7859</u> Account no. <u>N4940</u>
---	--

WELL(S) attach additional page if needed:

***WELLS DRAW (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31257</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-2-98) X UIC DBase & Qua Hro Pro.*
6. **Cardex** file has been updated for each well listed above. *(1-2-98)*
7. Well **file labels** have been updated for each well listed above. *(1-2-98)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-2-98)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- lec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- lec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- lec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- ____ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- lec 1. All attachments to this form have been **microfilmed**. Today's date: 1-20-18.

FILING

- ____ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ____ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980102 BLM/SL Aprv. Wells Draw (GREV) Unit eff. 12-31-97.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
 ENSERCH EXPLORATION INC
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940REPORT PERIOD (MONTH/YEAR): 8 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ NGC 24-15H FEDERAL								
4301330681	06150	09S 17E 15	GRRV			U-10760		
✓ FEDERAL 32-29								
4304731175	06170	09S 18E 29	GRRV			U-19267		
✓ GOVERNMENT FOWLER 20-1								
4301330563	09555	09S 17E 20	GRRV			U-13905		
FEDERAL 12-9-H								
4301330983	09830	09S 17E 9	GRRV			U-50750	Pleasant Valley Unit	
FEDERAL 23-9-H								
4301331206	10868	09S 17E 9	GRRV			U-50750	"	
FEDERAL 24-33-B								
4301331214	10913	08S 16E 33	GRRV			U-49092	Wells Draw Unit	
FEDERAL 31-4-G								
4301331228	10979	09S 16E 4	GRRV			U-30096	"	
FEDERAL 23-34-B								
4301331241	11041	08S 16E 34	GRRV			U-47171	"	
FEDERAL 11-4-G								
4301331250	11046	09S 16E 4	GRRV			U-30096	"	
FEDERAL 23-33-B								
4301331251	11047	08S 16E 33	GRRV			U-49092	"	
FEDERAL 31-5-G								
4301331252	11054	09S 16E 5	GRRV			U-30096	"	
FEDERAL 44-33-B								
4301331270	11084	08S 16E 33	GRRV			U-49092	"	
FEDERAL 33-33-B								
4301331268	11086	08S 16E 33	GRRV			U-49092	"	
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

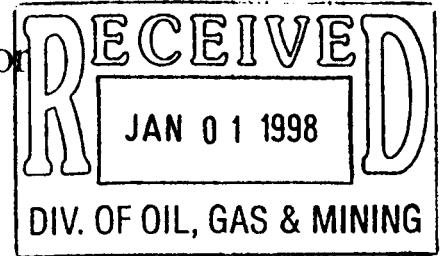
Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



December 31, 1997

Inland Production Company
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ George Diwachak

for Robert A. Henricks
Chief, Branch of Fluid Minerals

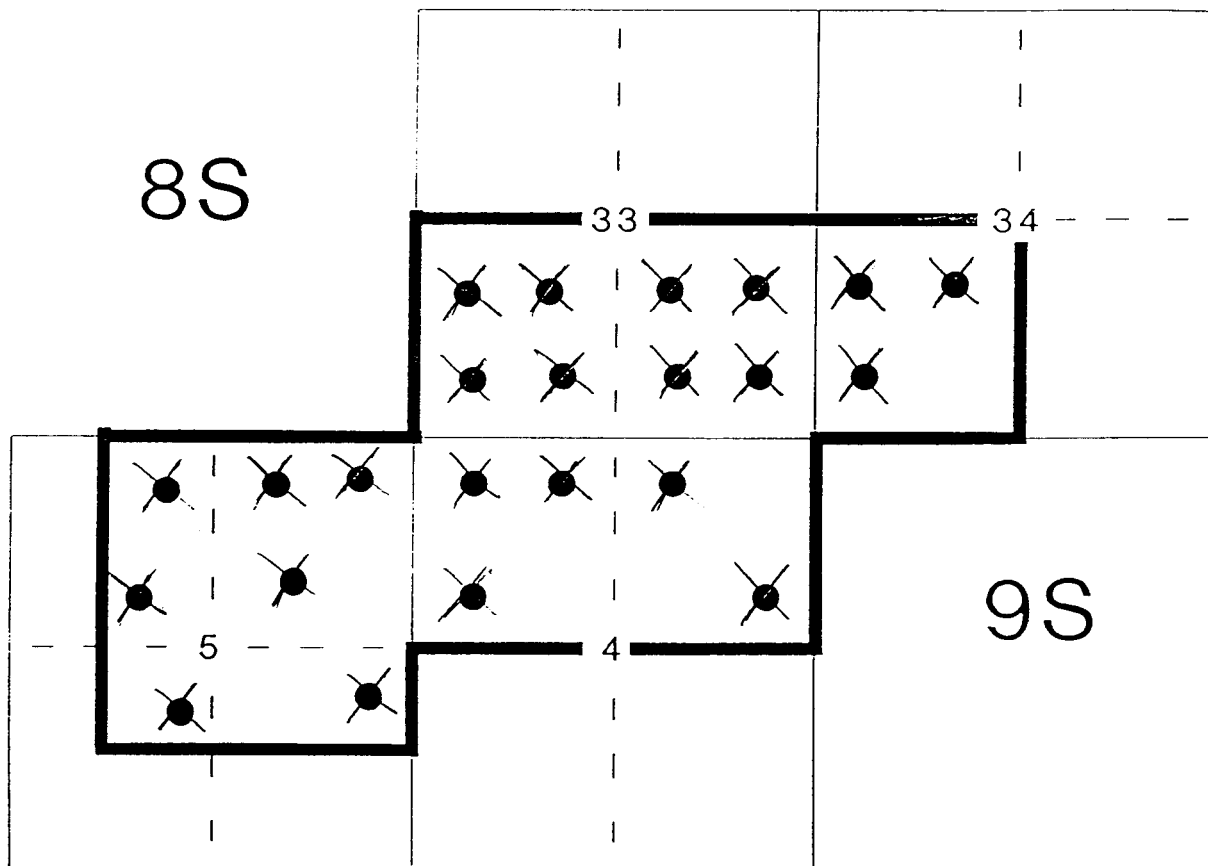
Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Wells Draw (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:12/31/97

WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



UNIT OUTLINE (UTU72613A)

SECONDARY
ALLOCATION
FEDERAL 100%

OPERATOR INLAND PRODUCTION CO

OPERATOR ACCT. NO. H 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12276							DUCHESNE		8-16-97
WELL 1 COMMENTS: *SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT) OPERATOR REQ CHG FOR TAX & ROYALTY; & DISPOSITION REPORTING.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- D - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- N - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

1-2-98

Title

Date

Phone No. ()

INLAND PRODUCTION COMPANY
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WELLS DRAW

8. Well Name and No.

FEDERAL 11-4-G

9. API Well No.

43-013-31250

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil
WellGas
Well

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 0800 FWL**NW/NW Section 4, T09S R16E**12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION

Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Site Security

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

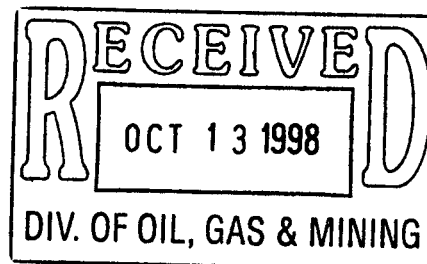


Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lebbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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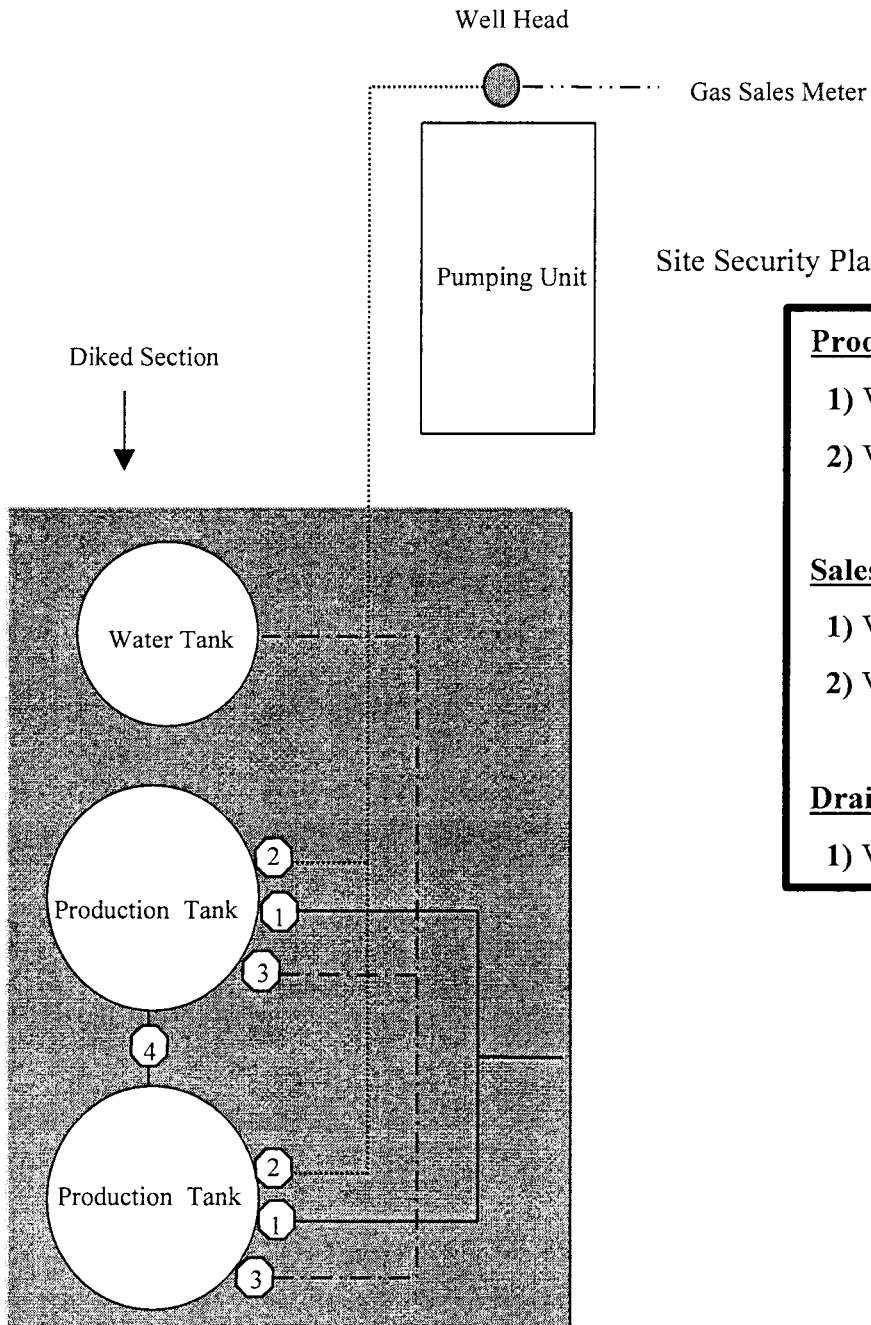
Inland Production Company Site Facility Diagram

Wells Draw 11-4G

NW/NW Sec. 4, T9S, 16E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	————
Water Line	- - - - -
Gas Sales	- . - . - .

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WELLS DRAW

8. Well Name and No.

FEDERAL 11-4-G

9. API Well No.

43-013-31250

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTA

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 0800 FWL NW/NW Section 4, T9S R16E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had recompletion procedures initiated in the Green River formation on 1/31/03. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to PBTD @ 6329'. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: B.5 sds @ 5156'-5162' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 20,307# 20/40 mesh sand in 198 bbls Viking I-25 fluid. Stage #2: GB6 sds @ 4440'-4448', 4460'-4466' & 4468'-4476' (all 4 JSPF) fraced down 5 1/2" 17# casing W/ 74,499# 20/40 mesh sand in 564 bbls Viking I-25 fluid. Both fracs were flowed back through chokes. Frac tbg and tools were pulled from well. New intervals were swab tested for sand cleanup (along with existing intervals). A revised BHA & production tbg string was ran in and anchored in well W/ tubing anchor @ 5813', pump seating nipple @ 5879' and end of tubing string @ 5911'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well was returned to production via rod pump on 2/8/2003.

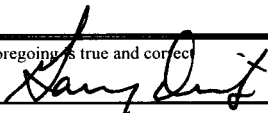
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DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed


Gary Dietz

Title

Completion Foreman

Date

2/9/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****Wells Draw (Green River)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WELLS DRAW 15-32-8-16	32	080S	160E	4301331676	12276	State	WI	A
WELLS DRAW 16-32-8-16	32	080S	160E	4301331817	12276	State	OW	P
WELLS DRAW 9-32-8-16	32	080S	160E	4301331819	12276	State	WI	A
WELLS DRAW 5-32-8-16	32	080S	160E	4301332218	12276	State	WI	A
WELLS DRAW 8-32-8-16	32	080S	160E	4301332219	12276	State	OW	P
FEDERAL 23-33-B	33	080S	160E	4301331251	12276	Federal	WI	A
FEDERAL 33-33-B	33	080S	160E	4301331268	12276	Federal	OW	P
FEDERAL 34-33-B	33	080S	160E	4301331269	12276	Federal	WI	A
FEDERAL 44-33-B	33	080S	160E	4301331270	12276	Federal	OW	P
FEDERAL 13-33-B	33	080S	160E	4301331277	12276	Federal	OW	P
FEDERAL 13-34-B	34	080S	160E	4301331271	12276	Federal	OW	P
FEDERAL 11-4-G	04	090S	160E	4301331250	12276	Federal	OW	P
FEDERAL 21-4-G	04	090S	160E	4301331272	12276	Federal	WI	A
WELLS DRAW 1-4-9-16	04	090S	160E	4301331971	12276	Federal	WI	A
WELLS DRAW 6-4	04	090S	160E	4301331972	12276	Federal	OW	P
WELLS DRAW 7-4	04	090S	160E	4301331973	12276	Federal	WI	A
FEDERAL 31-5-G	05	090S	160E	4301331252	12276	Federal	OW	S
WELLS DRAW 22-5G	05	090S	160E	4301331273	12276	Federal	OW	P
WELLS DRAW U 5-5-9-16	05	090S	160E	4301331759	12276	Federal	WI	A
WELLS DRAW 8-5-9-16	05	090S	160E	4301332132	12276	Federal	OW	P
WELLS DRAW 10-5-9-16	05	090S	160E	4301332133	12276	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-344

Operator: Newfield Production Company
Well: Wells Draw Federal 11-4G-9-16
Location: Section 4, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31250
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 22, 2008.
2. Maximum Allowable Injection Pressure: 1,738 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,224' - 6,230')

Approved by:


Gil Hunt
Associate Director

1-21-09
Date

GLH/BGH/js

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg Newfield Production Company, Denver
Newfield Production Company, Myton
SITLA, Salt Lake City
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\Permitting\UIC





February 28, 2008

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Wells Draw Federal 11-4G-9-16
Monument Butte, Lease #U-30096
Section 4-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Wells Draw Federal #11-4G-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

MAR 05 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

WELLS DRAW FEDERAL #11-4G-9-16
MONUMENT BUTTE FIELD (GREEN RIVER)

LEASE #U-30096

February 28, 2008

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1401 17th Street, Suite 1000
Denver, Colorado 80202

Well Name and number: Wells Draw Federal 11-4G-9-16
Field or Unit name: Monument Butte Lease No. U-30096
Well Location: QQ NW/NW section 4 township 9S range 16E county Duchesne

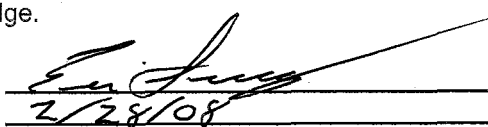
Is this application for expansion of an existing project? Yes ☒ No ☐
Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒
Is this application for a new well to be drilled? Yes ☐ No ☒
If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒
Date of test: _____
API number: 43-013-31250

Proposed injection interval: from 4224 to 6230
Proposed maximum injection: rate 500 bpd pressure 1738 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 2/28/08
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Federal #11-4G-9-16

Spud Date: 12/21/89
Put on Production: 3/21/90
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD
130 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 296'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 Class "G" cmt, est ? bbls to surface

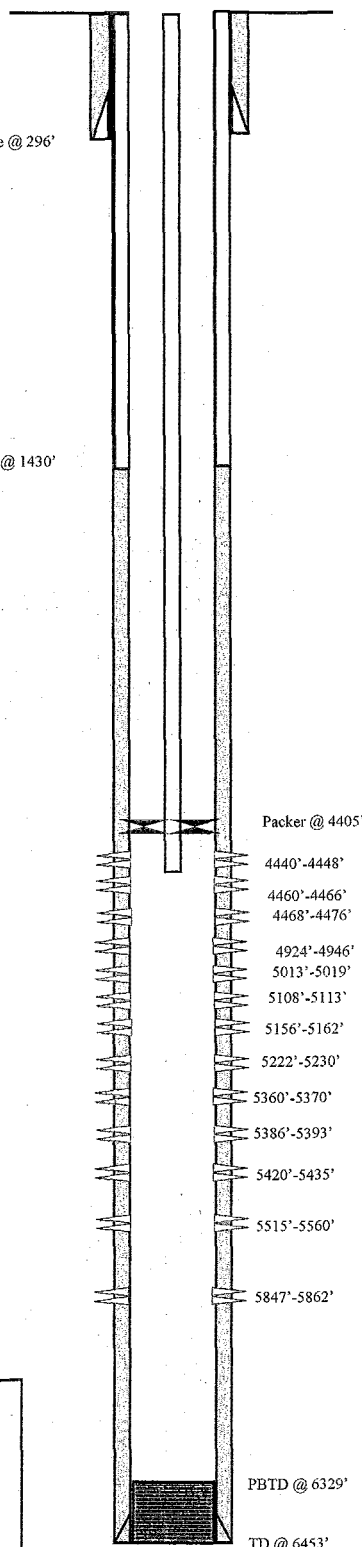
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC
CEMENT TOP AT: 1430'
SET AT: 6453'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 185 jts (5800.04')
TUBING ANCHOR: 5813.04' KB
NO. OF JOINTS: 2 jts (62.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5878.57'
NO. OF JOINTS: 1 jt (31.35')
TOTAL STRING LENGTH: EOT @ 5911.47' w/13' KB

Proposed Injection Wellbore Diagram



FRAC JOB

2-15-90	5847'-5862'	35,000# 20/40 sand, 53,000# 16/30 sand, and 88,000# ttl sd. Avg TP 2300 psi. ISIP-2330 psi.
2-17-90	5515'-5560'	Screened out w/42,000# 20/40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.
2-21-90	5360'-5435'	70,000# 20/40 sand, 68,000# 16/30 sand, and 138,000 sd ttl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.
2-24-90	5222'-5019'	41,000# 16/30 sand. Avg TP 2900 psi, 15 min 1150 psi.
2-27-90	4924'-4946'	48,000# 20/40 sand. Sand master broke down & couldn't pump 16/30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.
2-05-03	5156'-5162'	Frac B.5 sands as follows: 20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal.
2-05-03	4440'-4476'	Frac GB6 sands as follows: 74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal.
02-20-06		Pump Change. Updated rod and tubing detail

PERFORATION RECORD

2-13-90	5847'-5862'	4 JSPF	60 holes
2-16-90	5515'-5560'	4 JSPF	180 holes
2-20-90	5360'-5370'	4 JSPF	40 holes
2-20-90	5386'-5393'	4 JSPF	28 holes
2-20-90	5420'-5435'	4 JSPF	60 holes
2-22-90	5222'-5230'	4 JSPF	32 holes
2-22-90	5108'-5113'	4 JSPF	20 holes
2-22-90	5013'-5019'	4 JSPF	24 holes
2-26-90	4924'-4946'	4 JSPF	88 holes
2-04-03	5156'-5162'	4 JSPF	24 holes
2-04-03	4468'-4476'	4 JSPF	32 holes
2-04-03	4460'-4466'	4 JSPF	24 holes
2-04-03	4440'-4448'	4 JSPF	32 holes

NEWFIELD

NWNW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-31250; Lease #U-30096

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1 The name and address of the operator of the project.

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Wells Draw Federal #11-4G-9-16 from a producing oil well to a water injection well in Monument Butte (Green River).

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For Wells Draw Federal #11-4G-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4224' - 6230'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD which ever is shallower. The Garden Gulch Marker top is at 3894' and the TD is at 6453'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for Wells Draw Federal #11-4G-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #U-30096) in the Monument Butte (Green River) Field, Wells Draw Federal, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 296' KB, and 5-1/2" 15.5# J-55 casing run from surface to 151' JTS. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1738 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Wells Draw Federal #11-4G-9-16, for existing perforations (4440' - 5862') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1738 psig. We may add additional perforations between 4224' and 6453'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Wells Draw Federal #11-4G-9-16, the proposed injection zone (4224' - 6230') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

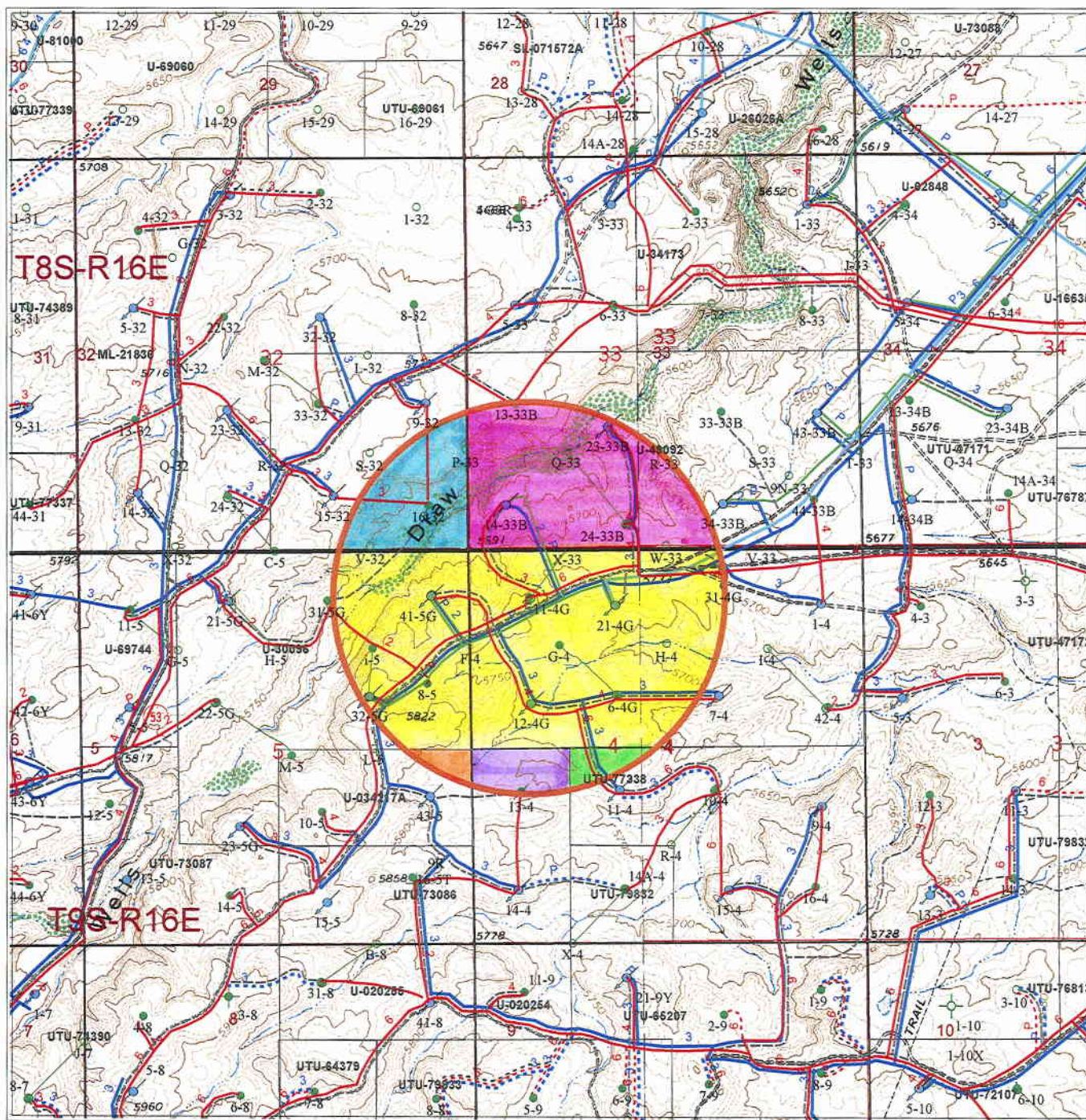
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊙ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - ⊙ Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Countyline**
- Countyline
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - Leases
 - 11-4G-9-16 1/2mile radius

U-30094
U-49092
ML-21834
U-77338
U-73086
U-34217A

Attachment A

Federal 11-4G-9-16
Section 4, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS



1/2 Mile Radius Map
Duchesne County

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

February 8, 2008

T9S, R16E, S.L.B.&M.

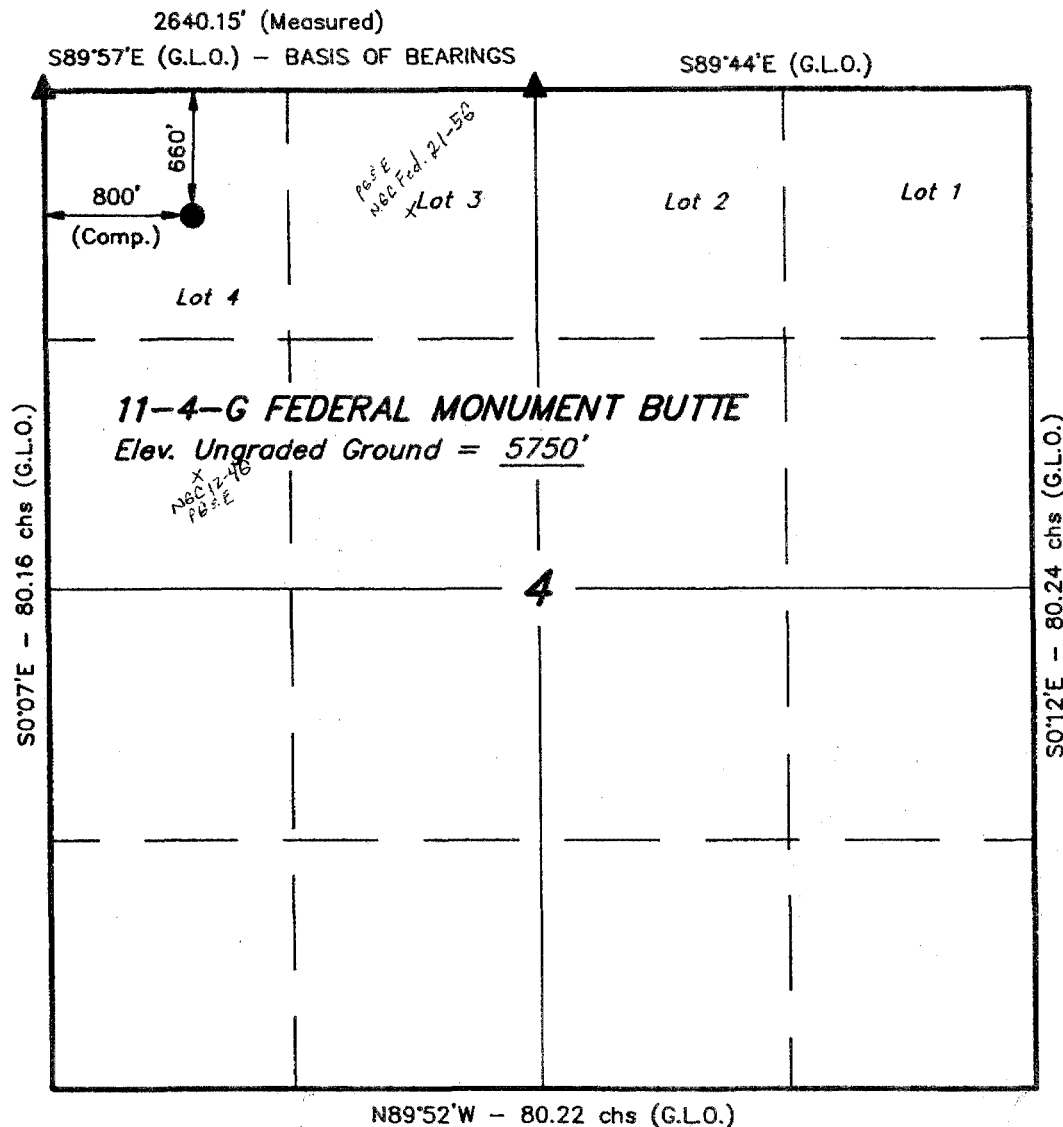
PG&E RESOURCES COMPANY

Well location, 11-4-G FEDERAL MONUMENT BUTTE, located as shown in Lot 4 of Section 4, T9S, R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 4, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.

Attachment A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

P. O. BOX 1758 - 85 SOUTH - 200 EAST

VERNAL, UTAH - 84078

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 16 East Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE4, SENW, NESW	UTU-30096 HBP	Newfield Production Company	(Surface Rights) USA
2	Township 8 South, Range 16 East Section 33: S2	U-49092 HBP	Newfield Production Company	(Surface Rights) USA
3	Township 8 South, Range 16 East Section 32: All	ML-21836 HBP	Newfield Production Company Producers Pipeline Corp. Gavilan Petroleum Inc. Dall Cook	(Surface Rights) St. of Utah
4	Township 9 South, Range 16 East Section 3: Lots 3, 4, S2NW, SW Section 4: NESW, SE	U-77338 HBP	Newfield Production Company	(Surface Rights) USA
5	Township 9 South, Range 16 East Section 4: W2SW Section 5: S2SE	U-73086 HBP	Newfield Production Company	(Surface Rights) USA
6	Township 9 South, Range 16 East Section 5: N2SE	U-034217-A HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Wells Draw Federal #11-4G-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Eric Sundberg
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 28th day of February, 2008.

Notary Public in and for the State of Colorado: _____

Laurie Deseau

My Commission Expires: _____

05/05/2009

Attachment E

Federal #11-4G-9-16

Spud Date: 12/21/89
Put on Production: 3/21/90
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD
130 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 296'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC
CEMENT TOP AT: 1430'
SET AT: 6453'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 185 jts (5800.04')
TUBING ANCHOR: 5813.04' KB
NO. OF JOINTS: 2 jts (62.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5878.57'
NO. OF JOINTS: 1 jt (31.35')
TOTAL STRING LENGTH: EOT @ 5911.47' w/13' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
SUCKER RODS: 1- 7/8" plain rods, 91- 7/8" scraped rods, 4- 3/4" scraped rods, 122- 3/4" plain rods, 10- 3/4" scraped rods
PUMP SIZE: 2-1/2" X 1-3/4" X 12 X 16" RHAC
STROKE LENGTH: 62"
PUMP SPEED, SPM: 7 SPM
LOGS: DIL/CDL/DSN, CBL/VDL/CLL

FRAC JOB

2-15-90	5847'-5862'	35,000# 20/40 sand, 53,000# 16/30 sand, and 88,000# titl sd. Avg TP 2300 psi. ISIP-2330 psi.
2-17-90	5515'-5560'	Screened out w/42,000# 20/40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.
2-21-90	5360'-5435'	70,000# 20/40 sand, 68,000# 16/30 sand, and 138,000 sd titl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.
2-24-90	5222'-5019'	41,000# 16/30 sand. Avg TP 2900 psi, 15 min 1150 psi.
2-27-90	4924'-4946'	48,000# 20/40 sand. Sand master broke down & couldn't pump 16/30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.
2-05-03	5156'-5162'	Frac B.5 sands as follows: 20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal.
2-05-03	4440'-4476'	Frac GB6 sands as follows: 74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal.
02-20-06		Pump Change. Updated rod and tubing detail

PERFORATION RECORD

2-13-90	5847'-5862'	4 JSPF	60 holes
2-16-90	5515'-5560'	4 JSPF	180 holes
2-20-90	5360'-5370'	4 JSPF	40 holes
2-20-90	5386'-5393'	4 JSPF	28 holes
2-20-90	5420'-5435'	4 JSPF	60 holes
2-22-90	5222'-5230'	4 JSPF	32 holes
2-22-90	5108'-5113'	4 JSPF	20 holes
2-22-90	5013'-5019'	4 JSPF	24 holes
2-26-90	4924'-4946'	4 JSPF	88 holes
2-04-03	5156'-5162'	4 JSPF	24 holes
2-04-03	4468'-4476'	4 JSPF	32 holes
2-04-03	4460'-4466'	4 JSPF	24 holes
2-04-03	4440'-4448'	4 JSPF	32 holes

NEWFIELD

Federal #11-4G-9-16
800 FWL & 660 FNL
NWNW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-31250; Lease #U-30096

Attam. E-1

Wells Draw #16-32-8-16

Spud Date: 4/14/2000
Put on Production: 5/19/2000
GL: 5663' KB: 5673'

IP: 121 BOPD, 383 MCFD, 30 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.87')
DEPTH LANDED: 301'
HOLE SIZE: 12-1/4"
CEMENT DATA: 161 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5943.94')
DEPTH LANDED: 5941.54'
HOLE SIZE: 7-7/8"
CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"
NO. OF JOINTS: 183 jts (5744.58')
TUBING ANCHOR: 5754.58' (2.80)
NO. OF JOINTS: 1 jt (31.21')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5788.59' (1.10)
NO. OF JOINTS: 2 jts (62.53')
TOTAL STRING LENGTH: EOT @ 5852.67'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 2-8", 1-2' x 3/4" pony rods, 88-3/4" scraped rods, 88-3/4" plain rods, 50-3/4" scraped rods, 4-1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-3/4" x 16" RHAC
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5

FRAC JOB

5/11/00 5822'-838' **Frac CP sand as follows:**
74,500# 20/40 sand in 453 bbls Viking I-25 fluid. Perfs broke @ 3733 psi. Treated @ avg pressure of 2300 psi with avg rate of 28.3 BPM. ISIP 2625 psi; 5 min 2360 psi. Left pressure on well.

5/11/00 5269'-316' **Frac A sand as follows:**
83,500# 20/40 sand in 472 bbls Viking I-25 fluid. Perfs broke @ 3943 psi. Treated @ avg pressure of 2050 psi with avg rate of 28.3 BPM. ISIP 2230 psi; 5 min 2144 psi. Flowed back on 12/64" choke for 3 hrs & died. Rec 107 BTF.

5/12/00 5011'-146' **Frac C/B sand as follows:**
105,000# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke @ 1805 psi. Treated @ avg pressure of 1900 psi @ avg rate of 35.3 BPM. ISIP 2490 psi; 5 min 2435 psi. Left pressure on well.

5/13/00 4842'-872' **Frac D sand as follows:**
77,000# 20/40 sand in 467 bbls Viking I-25 fluid. Perfs broke @ 1960 psi. Treated @ avg pressure of 2000 psi with avg rate of 27.5 BPM. ISIP 2330 psi; 5 min 2260 psi. Left pressure on well.

5/13/00 4374'-387' **Frac GB sand as follows:**
60,500# 20/40 sand in 384 bbls Viking I-25 fluid. Perfs broke @ 4120 psi. Treated @ avg pressure of 2250 psi @ avg rate of 27.5 BPM. ISIP 2570 psi; 5 min 2506 psi. Flow back on 12/64" choke for 3-1/2 hrs & died. Rec 128 BTF.

4/12/04 Pump change. Update rod and tubing details.

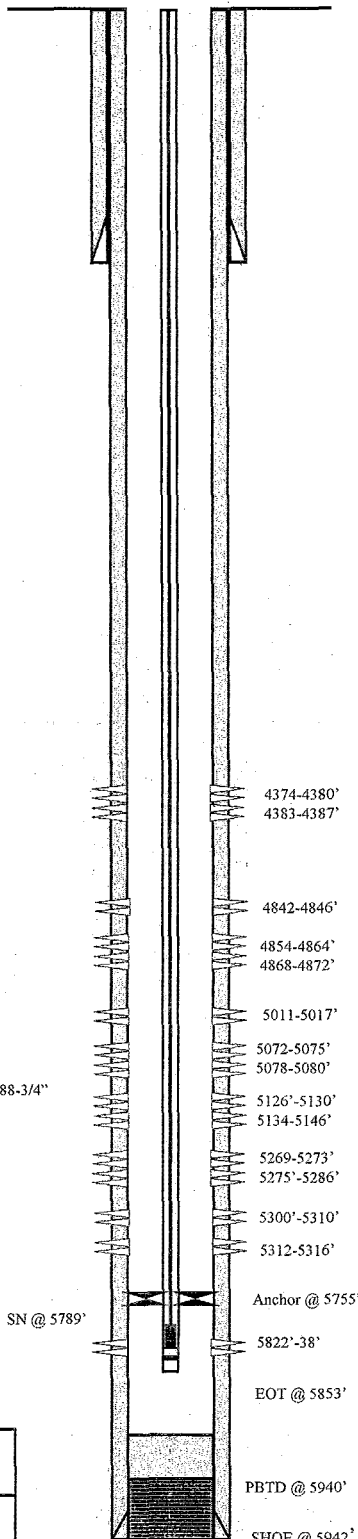
1/4/05 Tubing leak. Update rod and tubing details.

2/14/07 Tubing Leak. Rod & Tubing detail updated.

7/17/07 Parted Rods. Updated rod & tubing detail.

PERFORATION RECORD

Date	Depth	Perforations	Holes
5/13/00	4374'-80'	4 JSPF	24 holes
5/13/00	4383'-87'	4 JSPF	16 holes
5/13/00	4842'-46'	2 JSPF	8 holes
5/13/00	4854'-64'	2 JSPF	20 holes
5/13/00	4868'-72'	2 JSPF	8 holes
5/12/00	5011'-17'	2 JSPF	12 holes
5/12/00	5072'-75'	2 JSPF	6 holes
5/12/00	5078'-80'	2 JSPF	4 holes
5/12/00	5126'-30'	2 JSPF	8 holes
5/12/00	5134'-46'	2 JSPF	24 holes
5/11/00	5269'-73'	2 JSPF	8 holes
5/11/00	5275'-86'	2 JSPF	22 holes
5/11/00	5300'-10'	2 JSPF	20 holes
5/11/00	5312'-16'	2 JSPF	8 holes
5/11/00	5822'-38'	4 JSPF	64 holes



TD @ 5971'



Wells Draw #16-32-8-16

601 FSL 544 FEL

SE/SE Section 32-T8S-R16E

Duchesne Co, Utah

API #43-013-31817; Lease #ML21836

DS 8/8/07

At Hand. C-2

Federal #13-33B

Spud Date: 6/22/90
Put on Production: 10/3/90
GL: 5710' KB: 5725'

Initial Production: 116 BOPD,
0 MCFPD, 181 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / K-55 / 24#
DEPTH LANDED: 306' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sx Class "G" cmt w/2% CaCl2

PRODUCTION CASING

CSG SIZE: 5-1/2" / K-55 / 17#
SET AT: 6384'
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead 180 sx Hi-Lift, tail w/445 10-0 RFC
CEMENT TOP AT: 970'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: J-55 109 jts. (3365.29')
NO. OF JOINTS: 68 jts (2186.12')
TUBING ANCHOR: 2.80' @ 5566.41' KB
NO. OF JOINTS: 1 jts. 31.40'
SEATING NIPPLE: 1.10' @ 5600.71' KB
NO. OF JOINTS: 2 jts. 63.45'
TOTAL STRING LENGTH: EOT @ 5665.61'

SUCKER RODS

POLISHED ROD: 1 1/2" X 22"

SUCKER RODS: 2-8', 1-4', 1-2' x 7/8" pony rods, 85-7/8" scraped rods, 49-3/4" plain rods, 22-3/4" scraped rods, 5-1 5/8" weight bars, 1-1 1/2" weight bars.

PUMP SIZE: 2-1/2"x1-1/2"x 14.5" RHAC

STROKE LENGTH: 60"

PUMP SPEED, SPM: 7 SPM

LOGS: DIGL, CDL-DSN, CBL

SN @ 5600'

FRAC JOB

5925'-5950'	29,100# 20/40, 43,000# 16/30.
5437'-5473'	47,000# 20/40, 68,000# 16/30.
4966'-5045'	81,600# 20/40, 101,400# 16/30.
1758'-1780'	Acidize w/3000 gal 15% HCl acid w/Cla-Sta & iron seq. Perfs broke @ 2027 psi, avg 15 bpm, 2200 psi avg press, 3850 psi max press. Run 130 balls, good ball action.
1624'-1715'	Pump 6000 gal 15% HCl acid w/Cla-Sta & iron seq & 225 ball sealers, very little ball action. Well was on vac @ end of treatment.
5140'-5200'	Frac w/118,300# 20/40 sd in 508 bbls Delta Frac. Perfs broke dn @ 3960 psi. Treated @ ave sfc press of 6700 psi w/ave rate of 27 bpm. ISIP: 2345 psi, 5 min: 1875 psi. Flowback on 12/64" choke for 1-1/2 hrs & died. Rec 19 BTF (est 4% of load).
2/5/02	Tubing leak. Update rod and tubing details.
9/10/02	Tubing leak. Updated rod and tubing details.
2/26/03 6122'-6184'	Frac BS and CP5 sands as follows: 40,735# of 20/40 sand in 330 bbls YF 125 fluid. Treated @ ave pressure 4193 psi W/ave rate of 17 BPM. ISIP-2349psi. Calc. flush: 1610 gals. Actual flush: 1405 gals.
2/27/03 5572'-5597'	Frac LODC sands as follows: 31,897# of 20/40 sand in 288 bbls YF 125 fluid. Treated @ ave pressure 4621 psi W/ave rate of 17.1 BPM. ISIP-3400 psi. Calc. flush: 1439 gals. Actual flush: 1253 gals.
2/27/03 4743'-4750'	Frac PB11 sands as follows: 31,200# of 20/40 sand in 267 bbls YF 125 fluid. Treated @ ave pressure 3639 psi W/ave rate of 16.7 BPM. ISIP-2245 psi. Calc. flush: 1240 gals. Actual flush: 888 gals.
2/27/03 4482'-4488'	Frac GB6 sands as follows: 21,091# of 20/40 sand in 206 bbls YF 125 fluid. Treated @ ave pressure 3487 psi W/ave rate of 16.8 BPM. ISIP-2122 psi. Calc. flush: 1150 gals. Actual flush: 993 gals.
9/21/04	Parted Rods, updated rod & tubing detail.

PERFORATION RECORD

5925'-5950'	4 JSPF	100 holes
5462'-5473'	4 JSPF	44 holes
5437'-5449'	4 JSPF	48 holes
5036'-5045'	4 JSPF	36 holes
5017'-5028'	4 JSPF	44 holes
4973'-4984'	4 JSPF	44 holes
4966'-4971'	4 JSPF	20 holes
1758'-1780'	4 JSPF	88 holes Squeezed 4/10/94
1704'-1715'	4 JSPF	44 holes Squeezed 4/10/94
1688'-1696'	4 JSPF	32 holes Squeezed 4/10/94
1668'-1678'	4 JSPF	40 holes Squeezed 4/10/94
1624'-1642'	4 JSPF	72 holes Squeezed 4/10/94
5191'-5200'	4 JSPF	36 holes 3/11/98
5140'-5147'	4 JSPF	28 holes 3/11/98
4482'-4488'	4 JSPF	24 holes 2/25/2003
4743'-4750'	4 JSPF	28 holes 2/25/2003
5572'-5578'	4 JSPF	24 holes 2/25/2003
5595'-5597'	4 JSPF	8 holes 2/25/2003
6122'-6126'	4 JSPF	16 holes 2/25/2003
6176'-6184'	4 JSPF	32 holes 2/25/2003

NEWFIELD

Federal #13-33B

1972'-FSL & 652 FWL

NW/SW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31277; Lease #U-49092

SHOE/TD @ 6384'

LN 9/21/04

A Ham. E-3

Federal #14-33B

Spud Date: 6-7-89
Put on Production: 9-6-89
GL: 5651' KB: 5663'

Initial Production: 300 BOPD, 200 MCFD
92 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: ?
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sks Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55, N-80
WEIGHT: 17#
LENGTH: ?
HOLE SIZE: 7-7/8"
CEMENT DATA: 521 sks Hi-Lift & 502 Class "G"
CEMENT TOP AT: 700'
SET AT: 6398'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: ? jts
TUBING ANCHOR: 4791'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: ?

SUCKER RODS

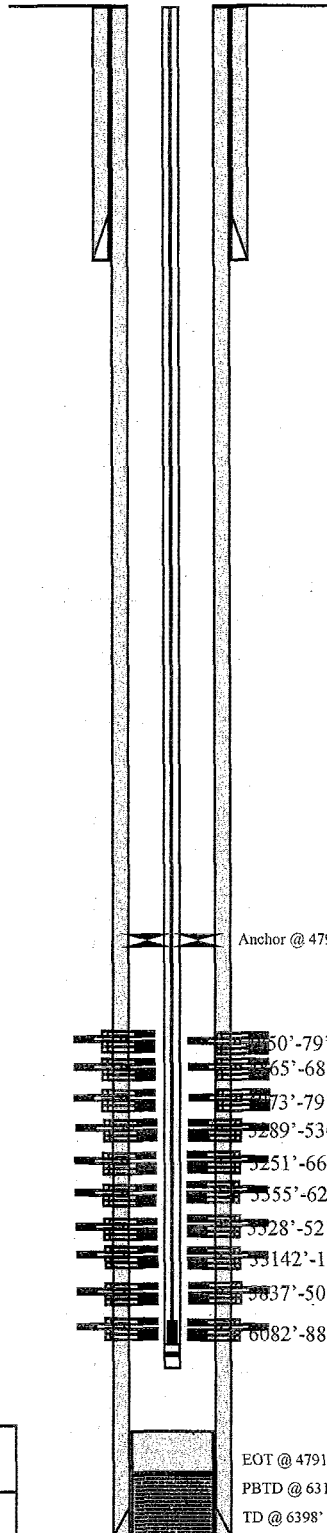
POLISHED ROD:
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DLL-Micro, CDL-DSN, CBL-Variable Density

FRAC JOB

7-31-89	6082'-6088'	35,750# 20/40 sand, 21,450# 16/30 sand, 719 bbls.
8-1-89	5837'-5850'	42,250# 20/40 sand, 25,350# 16/30 sand, 761 bbls. Avg rate of 37 BPM. ISIP-2000 psi, 15 min 1770 psi.
8-4-89	5514'-5562'	81,250# sand, 48,750# 16/30 sand, 1462 gals. Avg rate of 45 BPM. ISIP-2400 psi, 15 min 2250 psi.
8-10-89	5251'-5304'	65,000# 20/40 sand, 35,000# 16/30 sand, and 1175 bbls. Avg rate of 45 BPM w/avg press of 2400 psi. ISIP-2200 psi, 15 min 1850 psi.
8-13-89	4850'-4879'	48,750# 20/40 sand, 21,250# 16/30 sand, 862 bbls. ISIP-2400 psi, 15 min 1500 psi. Avg rate of 42 BPM.

PERFORATION RECORD

7-30-89	6082'-6088'	4 JSPF	24 holes
8-1-88	5837'-5850'	4 JSPF	52 holes
8-3-88	5514'-5518'	4 JSPF	16 holes
8-3-88	5528'-5552'	4 JSPF	96 holes
8-3-88	5555'-5562'	4 JSPF	28 holes
8-8-88	5251'-5266'	4 JSPF	60 holes
8-8-88	5289'-5304'	4 JSPF	60 holes
8-13-88	4850'-4862'	4 JSPF	48 holes
8-13-88	4865'-4868'	4 JSPF	12 holes
8-13-88	4873'-4879'	4 JSPF	24 holes



EOT @ 4791'
PBDT @ 6316'
TD @ 6398'



Inland Resources Inc.

Federal #14-33B

500 FWL 600 FSL

SWSW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31229; Lease #U-49092

A Huch. E-4

Spud Date: 12/18/89
Put on Production: 2/23/90

Put on Injection: 4/19/01

GL: 5640' KB: 5653'

Federal #23-33B-8-16

Initial Production: 60 BOPD, 0 MCFD
100 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 JTS (283')
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 sks Class "G" cmt, est ? bbls to surface.

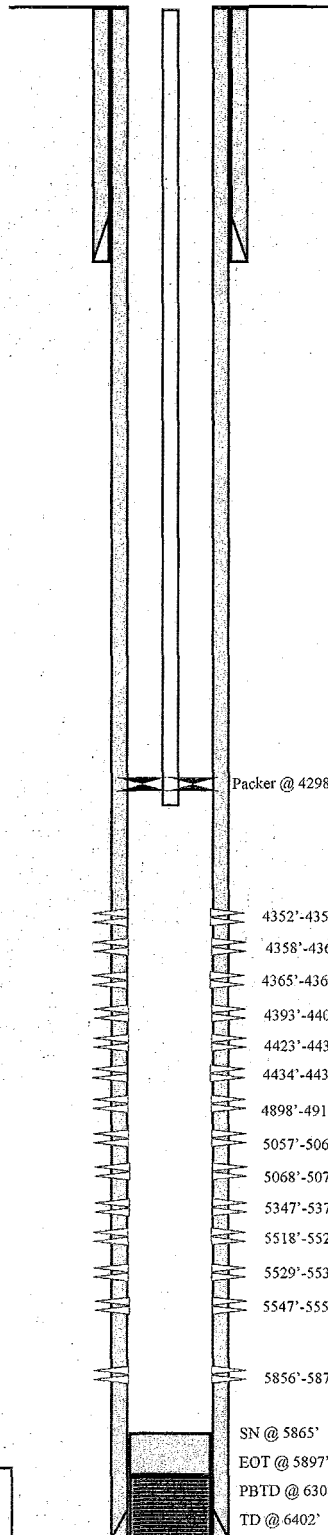
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts (6402')
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sks Hi-LiR & 575 sks 10-0 RFC
CEMENT TOP AT:
SET AT: 6402'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 136 jts. (4278.30')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4289.30'
TOTAL STRING LENGTH: EOT @ 4297.80'

Injection Wellbore
Diagram



FRAC JOB

1-27-90	5856'-5878'	36,000# 20/40 sand, 42,500# 16/30 sand, and 78,500# tit sd. Avg TP 2100 psi. ISIP-2000 psi, 15 min 1817 psi.
1-30-90	5518'-5556'	36,000# 20/40 sand, 38,000# 16/30 sand and 74,000# tit sd. Avg TP 3000 psi. ISIP-2985 psi, 15 min 2715 psi.
2-1-90	5347'-5377'	78,000# 20/40 sand, 78,000# 16/30 sand, and 156,000 tit sd. Avg TP 1900 psi. ISIP-1750 psi, 15 min 1450 psi.
2-3-90	5057'-5071'	21,000# 20/40 SAND, 24,000# 16/30 sand, and 45,000# sd tit. Screened out 74 bbls into flush. ATP 2200 psi.
2-6-90	4898'-4918'	1307 bbls w/ 51,000# 20/40 sand and 51,000# 16/30 sand. BDP 2060 @ 2 BPM. Inc rate to 20 BPM. Press broke @ 3500 psi. Inc rate to 40 BPM @ 2140 psi.
4/12/00	4352'-4436'	469 bbls w/ 87,680# 20/40 sand. ATP 1900 @ 26 BPM. ISIP 2525 psi. Calc. flush: 4352 gal, Actual flush: 4158 gal.
4/18/06		5 Year MIT Completed and Submitted.
7/27/06		Workover - Marrett squeeze treatment
8/9/06		MIT completed and submitted.

PERFORATION RECORD

1-24-90	5856'-5878'	4 JSPF	88 holes
1-30-90	5518'-5527'	4 JSPF	36 holes
1-30-90	5529'-5534'	4 JSPF	20 holes
1-30-90	5547'-5556'	4 JSPF	36 holes
1-31-90	5347'-5377'	4 JSPF	120 holes
2-2-90	5057'-5066'	4 JSPF	36 holes
2-2-90	5068'-5071'	4 JSPF	12 holes
2-4-90	4898'-4918'	4 JSPF	80 holes
4/11/00	4352'-4355'	2 JSPF	06 holes
4/11/00	4358'-4363'	2 JSPF	10 holes
4/11/00	4365'-4368'	2 JSPF	06 holes
4/11/00	4393'-4400'	2 JSPF	14 holes
4/11/00	4423'-4432'	2 JSPF	18 holes
4/11/00	4434'-4436'	2 JSPF	04 holes

NEWFIELD

Federal #23-33B-8-16
1653 FSL & 1888 FWL
NESW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31251; Lease #U-49092

A Hach - E-5

Federal #24-33B

Spud Date: 8-15-88
Put on Production: 10-9-88
GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: L-80, N-80
WEIGHT: 47#, 53.5#
LENGTH: 7 JTS (295.8')
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 skx Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
LENGTH: 5564'
CSG SIZE: 5-1/2" / 17# / N-80
LENGTH: 5564' - 6410'
SET AT: 6410' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
CEMENT TOP AT: 2405'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 194 jts (6084.95') KB
TUBING ANCHOR: 6099.95' KB
NO. OF JOINTS: 1 jt (31.37') KB
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 6134.07' KB
NO. OF JOINTS: 1 jt (31.85') KB
TOTAL STRING LENGTH: EOT @ 6167.42' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22"
SUCKER RODS: 1-2", 1-4", 2-8" x 7/8" pony rods; 68 - 7/8" scraped rods; 41 - 7/8" mixed rods; 118 - 3/4" plain rods; 10 - 3/4" scraped rods; 6 - 1-1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 82"
PUMP SPEED, SPM: 7 SPM

FRAC JOB

9-17-88	6304'-6309'	60,000# 20/40 sand in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.
9-21-88	6144'-6154'	50,000# 20/40 sand in 692 bbl frac fluid. Avg. treating press. 2400 psi @ 35 BPM. ISIP 2000 psi. Calc. flush: 6144 gal. Actual flush 5964 gal.
9-23-88	5896'-5914'	66,500# 20/40 sand in 590 bbl frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP 3800 psi. Calc. flush: 5896 gal. Actual flush 5544 gal.
9-27-88	5378'-5394'	38,500# 20/40 sand + 28,000# 16/30 sand in 786 bbls. frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP-1600 psi. Calc. flush: 5378 gal. Actual flush 5208 gal.
9-29-88	4934'-5004'	192,000# 20/40 sand in 1649 bbls. frac fluid. Avg. treating press. 2000 psi @ 50 BPM. ISIP-1800 psi. Calc. flush: 4934 gal. Actual flush 4788 gal.
2-17-03	6000'-6010'	Frac CP3 sands as follows: 22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.
2-18-03	5827'-5880'	Frac CP.5 and CP1 sands as follows: 50,132# 20/40 sand in 436 bbls. YF 125 fluid. Treated @ avg. pressure of 4007 psi w/avg. rate of 16.5 BPM. ISIP-2650 psi. Calc. flush: 1470 gal. Actual flush: 1405 gal.
2-18-03	5434'-5439'	Frac A3 sands as follows: 6,942# 20/40 sand in 115 bbls. YF 125 fluid. Treated @ avg. pressure of 4557 psi w/avg. rate of 15.4 BPM. ISIP-N/A. Frac communicated to upper perms.
2-18-03	5378'-5439'	Frac existing A2 and new A3 sands as follows: 14,438# 20/40 sand in 153 bbls. YF 125 fluid. Treated @ avg. pressure of 3277 psi w/avg. rate of 15.6 BPM. ISIP-1878 psi. Calc. flush: 1413 gal. Actual flush: 1302 gal.
2-18-03	5117'-5181'	Frac B.5 and C sands as follows: 27,895# 20/40 sand in 252 bbls. YF 125 fluid. Treated @ avg. pressure of 3075 psi w/avg. rate of 16 BPM. ISIP-NA. Tubing rupture.
2-26-03	4430'-4684'	Frac GB and PB sands as follows: 60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.

2/03/04 Pump change.
02/17/06 Pump Change. Update rod and tubing detail
05/10/06 PERFORATION RECORD

Pump Change. Update rod and tubing detail.			
9-15-88	6304'-6309'	4 JSPF	20 holes
9-20-88	6144'-6154'	4 JSPF	40 holes
9-22-88	5896'-5900'	4 JSPF	16 holes
9-22-88	5902'-5914'	4 JSPF	48 holes
9-24-88	5378'-5394'	4 JSPF	64 holes
9-28-88	4992'-5004'	4 JSPF	48 holes
9-28-88	4934'-4964'	4 JSPF	120 holes
2-17-03	6000'-6010'	4 JSPF	40 holes
2-17-03	5875'-5880'	4 JSPF	20 holes
2-17-03	5857'-5860'	4 JSPF	12 holes
2-17-03	5827'-5832'	4 JSPF	20 holes
2-17-03	5434'-5439'	4 JSPF	20 holes
2-17-03	5178'-5181'	4 JSPF	12 holes
2-17-03	5128'-5132'	4 JSPF	16 holes
2-17-03	5117'-5124'	4 JSPF	28 holes
2-17-03	4674'-4684'	4 JSPF	40 holes
2-17-03	4480'-4492'	4 JSPF	48 holes
2-17-03	4469'-4475'	4 JSPF	24 holes
2-17-03	4430'-4434'	4 JSPF	16 holes

NEWFIELD

Federal #24-33B
2103 FWL & 330 FSL
SESW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31214; Lease #U-49092

A Hum. E-6

Wells Draw Fed. #41-5G-9-16

Spud Date: 3/24/1988
Put on Production: 5/5/1988
Put on injection: 1/12/1995
GL: 5134' KB: 5124'

Initial Production: 30 BOPD,
0 MCFD, 33 BWPD

SURFACE CASING

CSG SIZE: 9 5/8"
GRADE: L-80
WEIGHT: 43.5#
LENGTH: 7 jts.
DEPTH LANDED: 289'
HOLE SIZE: 12 1/4"
CEMENT DATA: 165 sxs Class "G" cmt, est 14 bbls cmt to surface.

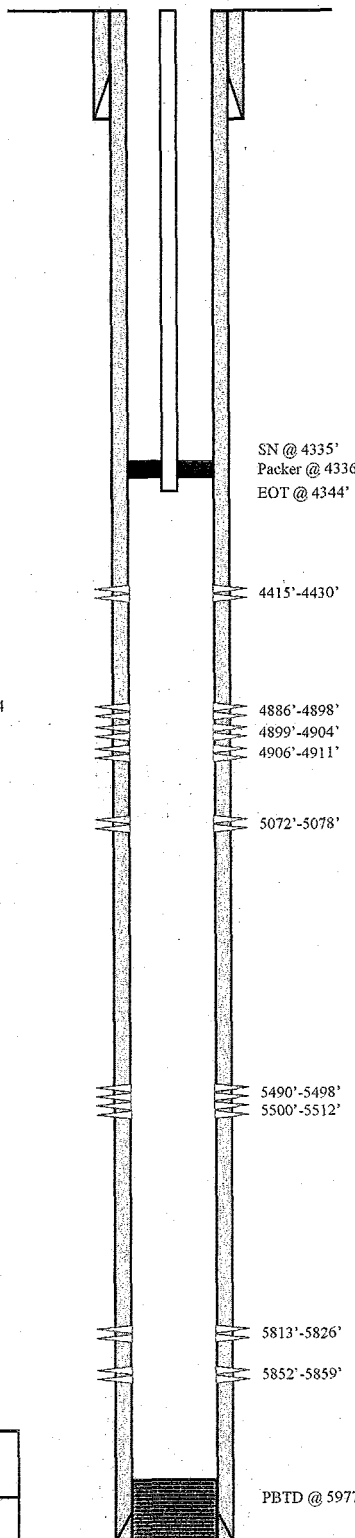
PRODUCTION CASING

CSG SIZE: 5 1/2"
GRADE: N-80
WEIGHT: 17#, 20#, 23#
LENGTH: 192 jts. (6023')
DEPTH LANDED: 6038'
HOLE SIZE: 7-7/8"
CEMENT DATA: 602 sxs Class "G" cement.
CEMENT TOP AT: 1630' per CBL

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5# Internally coated Ceramcote 54
NO. OF JOINTS: 140 jts (4320.21')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 4335.21" KB
TUBING PACKER: 4336.31"
END OF TUBING: 4343.66'

Injection Wellbore Diagram




FRAC JOB

Date	Depth Range	Fracture Details
4/14/88	5813'-5859'	Fracture zone as follows: 78,000# 20/40 sand in 866 bbls fluid. Treated @ avg press of 2000 psi w/avg rate of 35 BPM. ISIP 1870 psi.
4/17/88	5490'-5512'	Fracture zone as follows: 92,500# 20/40 sand in 863 bbls fluid. Treated @ avg press of 2200 psi w/avg rate of 35 BPM. ISIP 2300 psi.
4/19/88	4886'-4911'	Fracture zone as follows: 85,480# 20/40 sand in 1051 bbls fluid. Treated @ avg press of 1900 psi w/avg rate of 35 BPM. ISIP 2000 psi.
4/21/88	4415'-4429'	Fracture zone as follows: 51,400# 20/40 sand in 590 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 35 BPM. ISIP 2540 psi.
10/8/94	4415'-4429'	Squeeze perfs. W/ 25 sxs cement. Test to 550#.
1/12/95	4352'-5859'	Treat perfs w/ 130 bbl 2% KCl. Treat at 837 psi @ 3.6 BPM, ISIP 470#.
10/04/03		Add new perforations. Update tubing detail.

PERFORATION RECORD

Date	Depth Range	Perforation Details
4/14/88	5852'-5859'	2 JSFP 14 holes
4/14/88	5813'-5826'	2 JSFP 26 holes
4/17/88	5500'-5512'	4 JSFP 48 holes
4/17/88	5490'-5498'	4 JSFP 32 holes
4/19/88	4906'-4911'	4 JSFP 20 holes
4/19/88	4899'-4904'	4 JSFP 20 holes
4/19/88	4886'-4898'	4 JSFP 48 holes
4/21/88	4421'-4929'	4 JSFP 32 holes
4/21/88	4415'-4420'	4 JSFP 20 holes
09/30/03	5072'-5078'	4 JSFP 24 holes
09/30/03	4415'-4430'	4 JSFP 60 holes



Inland Resources Inc.

Wells Draw Fed. #41-5G-9-16

632' FNL & 516' FEL

NENE Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-31205; Lease #U-30096

A Hm. E-7

Wells Draw #8-5-9-16

Spud Date: 3/21/00
Put on Production: 4/21/00
Re-completed: 5/1/01
GL: 5776' KB: 5786' 10' KB

Initial Production: 80 BOPD, 96 MCFD, 15 BWPD
Re-completion: 35.4 BOPD, 35 MCFG, 35 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 JTS (309.87')
DEPTH LANDED: 307.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sx Class "G" cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 17# and 15.5#
LENGTH: 144 jts (5993.87')
HOLE SIZE: 7-7/8"
SET AT: 5991.47' KB
CEMENT DATA: 265 sx Prem Lite II, 400 sx 50/50 Pozmix
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 184 jts. (5767.76')
TUBING ANCHOR: 5777.76' KB
NO. OF JOINTS: 2 jts. (62.88')
SEATING NIPPLE: 2-7/8", 1.10'
SN LANDED AT: 5843.44' KB
NO. OF JOINTS: 1 jt. (31.32')
TOTAL STRING LENGTH: 5876.31' KB

SUCKER RODS

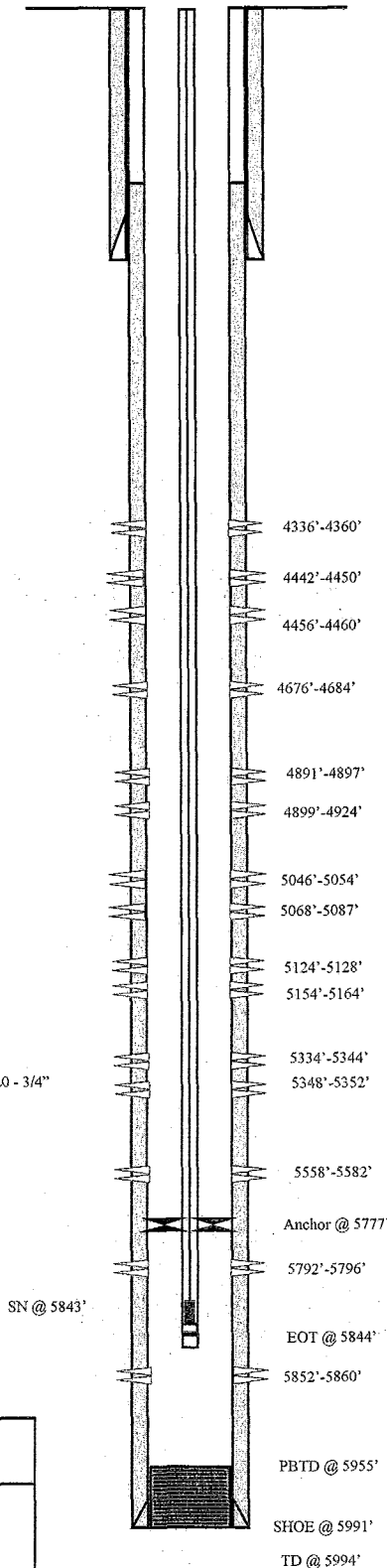
POLISHED ROD: 1 1/2" x 22' polished rod
SUCKER RODS: 116- 7/8" scraped rods, 91 - 3/4" plain rods, 20 - 3/4" scraped rods, and 6 - 1 1/2" weight bars.
PUMP SIZE: 2 1/2" x 1 3/4" x 12' x 16' RTBC Macgyver
STROKE LENGTH:"
PUMP SPEED, SPM: SPM

FRAC JOB

04/18/00	4891'-4924'	Frac D sands as follows: 84,020#s 20/40 sand in 479 bbls Viking I-25 fluid. Treated @ avg press of 2300 psi w/ avg rate of 30 BPM. ISIP 2650 psi. Calc flush: 4889 gal. Actual flush: 4746 gal
05/03/01	5792'-5860'	Frac CP1 and CP.5 sands as follows: 49,221#s 20/40 sand in 327 bbls Viking I-25 fluid. Treated @ avg press of 3450 psi with avg rate of 14 BPM. ISIP 2250 psi. Calc flush: 1526 gal. Actual flush: 1428 gal.
05/04/01	5558'-5582'	Frac LDC sands as follows: 118,659#s 20/40 sand in 703 bbls Viking I-25 fluid. Treated @ avg press of 4460 psi w/avg rate of 15.2 BPM. ISIP 3030 psi. Calc flush: 1459 gal. Actual flush: 1344 gal.
05/05/01	5334'-5352'	Frac A1 sands as follows: 68,020#s 20/40 sand in 425 bbls Viking I-25 fluid. Treated @ avg press of 3200 psi w/avg rate of 14.3 BPM. ISIP 2325 psi. Calc flush: 1401 gal. Actual flush: 1302 gal.
05/08/01	5046'-5164'	Frac B1, B.5 & C sands as follows: 176,760#s 20/40 sand in 1037 bbls Viking I-25 fluid. Treated avg press of 4200 psi w/avg rate of 17.7 BPM. ISIP 1950 psi. Calc flush: 1338 gal. Actual flush: 1218 gal.
05/09/01	4676'-4684'	Frac PB 11 sands as follows: 48,200#s 20/40 sand in 324 bbls Viking I-25 fluid. Treated avg press of 3500 psi w/avg rate of 16.2 BPM. ISIP 2230 psi. Calc flush: 1239 gal. Actual flush: 1134 gal.
05/10/01	4336'-4460'	Frac GB6 and GB2 sands as follows: 152,820#s 20/40 sand in 1010 bbls Viking I-25 fluid. Treated avg press of 2000 psi w/avg rate of 30 BPM. ISIP 2230 psi. Calc flush: 4334 gal. Actual flush: 4263 gal.
10/09/01		Tubing leak. Update rod and tubing details.
07/30/02		Pump change. Update rod details.
09/11/02		Stuck plunger. Update rod details.
12/03/02		Pump change. Update rod details.
09/24/03		Parted rods. Update rod details.
03/01/04		Parted rods. Update rod details.
03/20/04		Stuck Pump. Bailed sand. Update rod and tubing details.
04/05/04		Tubing leak.
03/22/05		Parted rods. Update tubing detail.
05/17/05		Parted rods. Update rod detail.
08/14/06		Parted rods. Update rod and tubing details.

PERFORATION RECORD

4/18/00	4891'-4897'	2 JSPF	12 holes
4/18/00	4899'-4924'	2 JSPF	50 holes
5/01/01	5852'-5860'	4 JSPF	32 holes
5/01/01	5792'-5796'	4 JSPF	16 holes
5/01/01	5558'-5582'	4 JSPF	96 holes
5/01/01	5348'-5352'	4 JSPF	16 holes
5/01/01	5334'-5344'	4 JSPF	40 holes
5/01/01	5154'-5164'	4 JSPF	40 holes
5/01/01	5124'-5128'	4 JSPF	16 holes
5/01/01	5068'-5087'	4 JSPF	76 holes
5/01/01	5046'-5054'	4 JSPF	32 holes
5/01/01	4676'-4684'	4 JSPF	32 holes
5/01/01	4456'-4460'	4 JSPF	16 holes
5/01/01	4442'-4450'	4 JSPF	32 holes
5/01/01	4336'-4360'	4 JSPF	96 holes



NEWFIELD

Wells Draw #8-5-9-16

1809 FNL & 588 FEL

SE/NE Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32132; Lease #UTU-30096

NGC Federal #32-5G

Spud Date: 7/19/82

Pu

t on Injection: 1/11/95
GL: 5809' KB: 5823'Initial Production: 290 BOPD,
115 MCFPD, 9 BWPD

Injection Diagram

SURFACE CASINGCSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: ?
DEPTH LANDED: 310'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 sxs Class "G" cmt, est ? bbls to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: N-80
WEIGHT: 17#
LENGTH: ?
DEPTH LANDED: 6450'
HOLE SIZE: 7-7/8"
CEMENT DATA: 200 sxs BJ Lite & 700 sxs 50/50 Poz cmt
CEMENT TOP AT:TUBINGSIZE/GRADE/WT.: 2-7/8" / N-80 / 17#
NO. OF JOINTS: ?
TUBING ANCHOR: ?
SEATING NIPPLE: ?
TOTAL STRING LENGTH: ?
SN LANDED AT: ?SUCKER RODSPOLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIL-GR-SP, CNL-FDC-GR-Cal, Prox-MicroLog, CBLFRAC JOB

6278'-6282' Acidize w/36 bbls. 15% MCA, ISIP 2100#.

5092'-5095' Acidize w/25 bbls. KCL, 100 gal 15% frac w/45,100 gal fluid and 115,000 lbs. sand. ISIP 2310#.

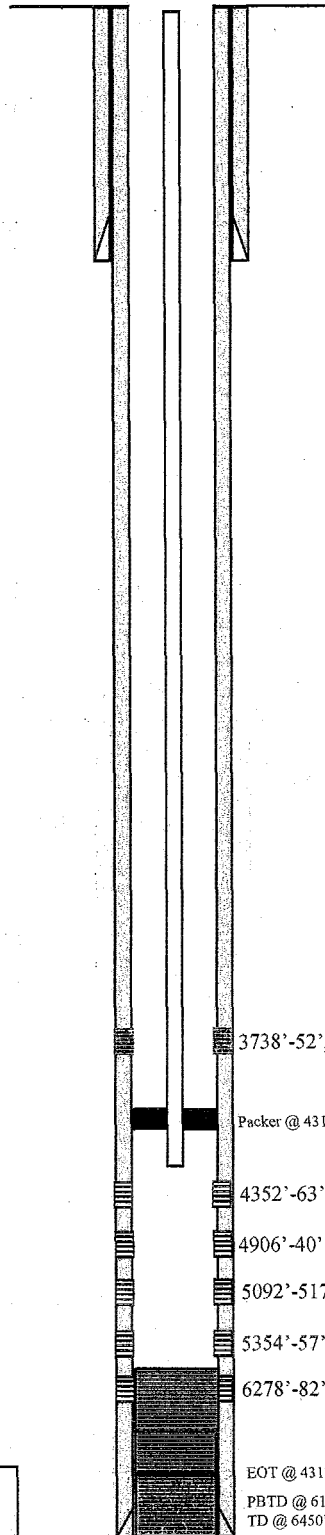
4906'-4940' Frac w/37,190 gal fluid and 75,740 lbs. sand. ISIP 3800#.

4352'-4363' Frac w/34,910 gal fluid and 95,200 lbs. sand. ISIP 2350#.

3738'-3752' Frac w/30,670 gal fluid and 62,000 lbs. sand. ISIP 1900#.

3738'-3752' Sqz off w/100 sx. Class H cmt - held 3000 psi.

8/31/07 5 Year MIT completed and submitted.

PERFORATION RECORD

Interval	ISPF	Holes
6278'-6282'	3	13
5092'-5357'	1	14
4906'-4940'	1	26
4352'-4363'	2	23

NEWFIELD

NGC Federal #32-5G
1976 FNL 1366 FEL
SWNE Section 5-T9S-R16E
Duchesne Co, Utah
API #43-013-30670; Lease #U-30096

CR 9/20/07

A Ham - E-9

Federal #21-4G

Spud Date: 6-2-90
Put on Injection: 1-11-95
GL: 5715' KB: 5730'

Initial Production: 349 BOPD, 0 MCFD
57 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 305'
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sx Class "G" cmt

PRODUCTION CASING

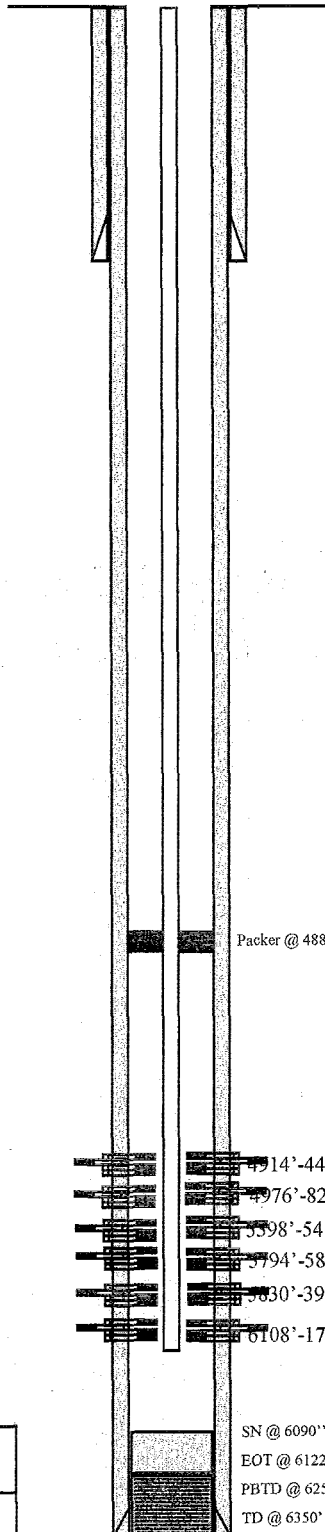
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 17#
LENGTH: ? jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 145 sx Hi-Lift & 530 sx 10-0 RFC
CEMENT TOP AT: 1150'
SET AT: 6339'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 197 jts
TUBING ANCHOR: 4877'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: 6090'

FRAC JOB

8-10-90	6108'-6117'	40,720# 20/40 sand, 542 bbls. Avg press of 2200 psi w/avg rate of 25 BPM. ISIP-2100 psi, 15 min 1880 psi.
8-12-90	5794'-5839'	32,020# 20/40 sand, 42,265# 16/30 sand, and 849 bbls. ISIP-2030 psi, 5 min 1850 psi.
8-14-90	5398'-5414'	37,400# 20/40 sand, 49,300# 16/30 sand, and 885 bbls. Avg TP 2550 psi w/avg rate of 35 BPM. ISIP-2000 psi, 15 min 1650 psi.
8-17-90	4914'-4982'	60,800# 20/40 sand, 80,100# 16/30 sand, and 1303 bbls. Avg TP 2400 psi w/avg press of rate of 50 BPM.



PERFORATION RECORD

8-9-90	6108'-6117'	4 JSPF	36 holes
8-11-90	5794'-5802'	4 JSPF	32 holes
8-11-90	5830'-5839'	4 JSPF	36 holes
8-13-90	5398'-5414'	4 JSPF	64 holes
8-15-90	4914'-4944'	4 JSPF	120 holes
8-15-90	4976'-4982'	4 JSPF	24 holes



Inland Resources Inc.

Federal #21-4G

1958 FWL 760 FNL

NENW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31272; Lease #U-30096

Federal #31-4G-9-16

Spud Date: 4-27-89
Put on Production: 6-7-89
GL: 5713' KB: 5729'

Initial Production: 102 BOPD, 0 MCFD
15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 8 JTS
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 sks Class "G" cmt, est 8 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 17#
LENGTH: 132 jts
SET AT: 6475'
HOLE SIZE: 7-7/8"
CEMENT DATA: 260 sks Hi-Lift & 850 sks Class "G"
CEMENT TOP AT: 2300'

TUBING

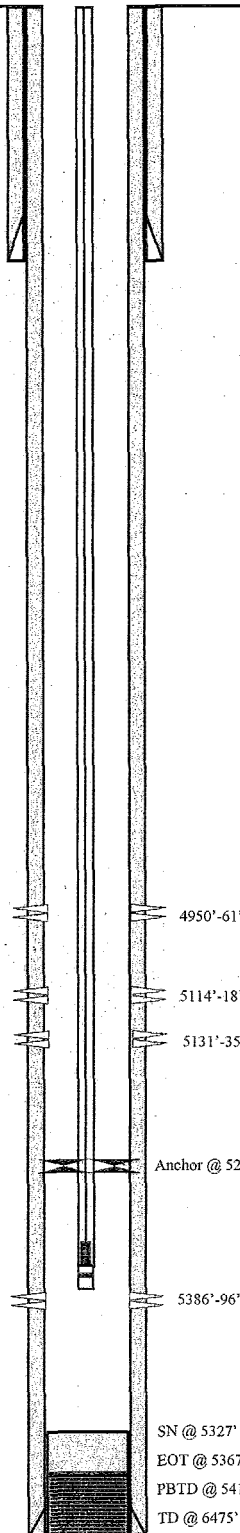
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 166 jts (5280.59')
TUBING ANCHOR: 5292.59' KB
NO. OF JOINTS: 1 jt (31.66)
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5327.05' KB
NO. OF JOINTS: 1 perf sub (38.75')
NO. OF JOINTS: 1 jt
TOTAL STRING LENGTH: EOT @ 5367.35' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
SUCKER RODS: 2- 8', 1- 2' x 7/8" pony rods; 18- 7/8" scraper rods, 89- 7/8" plain rods; 64-3/4" plain rods, 36- 3/4" guided rods; 5- 1 1/2" wt bars
PUMP SIZE: 2-1/2"x1-1/2"x12"x16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6
LOGS: DIL, SFL, SP, GR, FDC, CNL, GR, Cal., CBL, GR

FRAC JOB

5-18-89	5386'-5396'	38,500# 20/40 sand, 41,050# 016/30 sand, and 810 bbls. Avg TP 1700 psi w/avg rate of 35 BPM. ISIP-1800 psi.
5-23-89	4950'-4961'	49,000# 20/40 sand, 50,800# 16/30 sand, and 1002 bbls. Avg TP 2000 psi w/avg rate of 43 BPM. ISIP - 1900 psi.
3-05-98	5114'-5135'	118,300# 20/40 sd in 482 bbls Delta Frac. Treated @ ave sfc press of 6850 psi w/ave rate of 27.3 bpm. ISIP: 1765 psi. Calc flush: 1303 gal. Actual flush: 1259 gal.
04/19/07	Parted Rods	Updated rod & tubing details.



PERFORATION RECORD

5-17-89	5386'-5396'	4 JSPP	40 holes
5-20-89	4950'-4961'	4 JSPP	44 holes
3-04-98	5114'-5118'	4 JSPP	16 holes
3-04-98	5131'-5135'	4 JSPP	16 holes



Inland Resources Inc.

Federal #31-4G-9-16

500 FNL & 1900 FEL

NWNE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31228; Lease #U-30096

A Hm. E-11

WELLS DRAW FED. G-4-9-16

Spud Date: 08/16/07
Put on Production: 10/04/07

GL: 5719' KB: 5731'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (296.61')
DEPTH LANDED: 308.46' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 162 jts. (6386.28')
DEPTH LANDED: 6386.03' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5399.99')
TUBING ANCHOR: 5411.99' KB
NO. OF JOINTS: 1 jts (30.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5445.52' KB
NO. OF JOINTS: 2 jts (61.53')
TOTAL STRING LENGTH: EOT @ 5508.60' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' X 7/8" pony rods, 213-7/8" scraped rods, 4-1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' RHAC
STROKE LENGTH: 144"
PUMP SPEED, 5 SPM:

Wellbore Diagram

Cement Top @ 120'

SN 5446'

FRAC JOB

10/1/07 5649-5658' **Frac A1 sands as follows:**
105895# 20/40 sand in 805 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 psi w/avg rate of 24.7 BPM. ISIP 2103 psi. Calc flush: 5647 gal. Actual flush: 4956 gal.

10/1/07 5236-5272' **Frac B1 sands as follows:**
25043# 20/40 sand in 368 bbl Lightning 17 frac fluid. Treated @ avg press of 1845 psi w/avg rate of 24.7 BPM. ISIP 1852 psi. Calc flush: 5234 gal. Actual flush: 4788 gal.

10/1/07 5131-5137' **Frac C sands as follows:**
15827# 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 2403 psi w/avg rate of 24.8 BPM. ISIP 2515 psi. Calc flush: 5129 gal. Actual flush: 4662 gal.

10/1/07 4977-5039' **Frac D2 & D1 sands as follows:**
66384# 20/40 sand in 544 bbls Lightning 17 frac fluid. Treated @ avg press of 2161 psi w/avg rate of 24.7 BPM. ISIP 2193 psi. Calc flush: 4975 gal. Actual flush: 4452 gal.

10/1/07 4475-4503' **Frac GB6 sands as follows:**
32962# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 1916 psi. Calc flush: 4473 gal. Actual flush: 4368 gal.

PERFORATION RECORD

5432-5457'	4 JSPF	100 holes
5238-5247'	4 JSPF	36 holes
5131-5137'	4 JSPF	24 holes
5032-5039'	4 JSPF	28 holes
4977-4984'	4 JSPF	28 holes
4496-4503'	4 JSPF	28 holes
4475-4481'	4 JSPF	24 holes

4475-4481'
4496-4503'
4977-4984'
5032-5039'
5131-5137'
5238-5247'
Anchor @ 5412'
5432-5457'
EOT @ 5509'
PBTB @ 6334'
SHOE @ 6386'
TD @ 6406'

NEWFIELD

WELLS DRAW FED. G-4-9-16

1994' FNL & 1964' FWL
SW/NW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-33518; Lease # UTU-30096

Attach. E-12

NGC #12-4G

Spud Date: 4-8-83
Put on Production: 9-12-83
GL: 5734' KB: 5748'

Initial Production: 55 BOPD, 0 MCFD
16 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 32#
LENGTH: 7 JTS
DEPTH LANDED: 305'
HOLE SIZE: 12-1/4"
CEMENT DATA: 215 skx Class "G" cmt, est 18 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55, J-55
WEIGHT: 15.5#
LENGTH: 166 jts (6409')
HOLE SIZE: 7-7/8"
CEMENT DATA: 682 sks BJ Lite
CEMENT TOP AT: 2496'
SET AT: 6518'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 192
TUBING ANCHOR: 4826'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: 6105'

SUCKER RODS

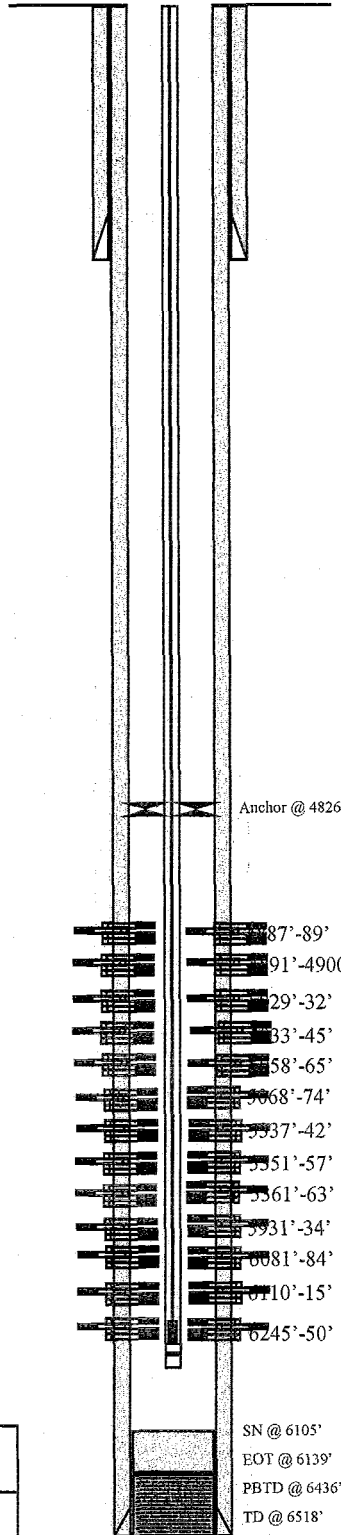
POLISHED ROD: 1-1/4"x22'
SUCKER RODS: 92-7/8" scraped; 142-3/4" sucker; 9 sinker bars
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE: 2-1/2"x1-3/4"x16" RHAC
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: CBL, GR, CCL (6420'-2000')

FRAC JOB

8-26-83 5931'-6250' 80,000# 20/40 ttl sd, 26,800 gals ttl fluid. Avg rate of 38 BPM w/ avg press of 2500 psi. ISIP-1950 psi, 5 min 1900 psi.
8-26-83 5337'-5367' 160,000 ttl sd, 45,940 gals ttl fluid. Avg rate of 37 BPM w/ avg press of 1900 psi. ISIP-1800 psi, 5 min 1710 psi.
8-30-83 5029'-5074' 198,000 ttl sd, 55,590 gals ttl fluid. Avg rate of 47 BPM w/ avg press of 2300 psi. ISIP-2100 psi, 5 min 1700 psi.
9-1-83 4887'-4900' 99,400# ttl sd, 28,190 ttl fluid. Avg rate of 38 BPM w/ avg press of 2300 psi. ISIP-2250 psi, 5 min 1900 psi.

PERFORATION RECORD

8-24-83 5931'-5934' 1 JSPF 4 holes
8-24-83 6081'-6084' 1 JSPF 4 holes
8-24-83 6110'-6115' 1 JSPF 6 holes
8-24-83 6245'-6250' 2 JSPF 11 holes
8-26-83 5337'-5342' 2 JSPF 11 holes
8-26-83 5351'-5357' 2 JSPF 13 holes
8-26-83 5361'-5363' 2 JSPF 5 holes
8-30-83 5029'-5032' 3 JSPF 10 holes
8-30-83 5033'-5045' 3 JSPF 36 holes
8-30-83 5058'-5065' 3 JSPF 22 holes
8-30-83 5068'-5074' 3 JSPF 19 holes
8-31-83 4891'-4900' 3 JSPF 28 holes
8-31-83 4887'-4889' 3 JSPF 7 holes



Inland Resources Inc.
NGC #12-4G
809 FWL 2083 FNL
SWNW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-30699; Lease #U-30096

A Hach. E+13

Wells Draw #6-4-9-16

Spud Date: 1/7/98
Put on Production: 2/6/98
GL: 5721' KB: 5733'

Initial Production: 84 BOPD, 94 MCFD
8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 jts
DEPTH LANDED: 290'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium, est 6 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts 5997'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Hibond & 365 sxs Thixotropic
CEMENT TOP AT:
SET AT: 6007'

TUBING

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#
NO. OF JOINTS: 152 jts. (4729.31')
NO. OF JOINTS: 19 jts. (613.81') J-55
TUBING ANCHOR: 5355.12'
NO. OF JOINTS: 1 jt. (33.03')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 5390.95'
NO. OF JOINTS: 2 jts. (62.58") M-50 tbg
TOTAL STRING LENGTH: EOT @ 5455.08' KB

SUCKER RODS

POLISHED ROD: 1 1/2" X 22'
SUCKER RODS: 6-1 1/2" weight rods; 25-3/4" scraped rods, 89-3/4" plain rods, 95-3/4" scraped rods, 1-6", 1-4", x 3/4" pony rods
PUMP SIZE: 2 1/2" X 1 1/2" X 12" X 15.5' RHAC
STROKE LENGTH: 54"
PUMP SPEED, SPM: 4 SPM
LOGS: DIGL/SP/GR/CAL (6022'-300')
DSN/SDL/GR (5984'-3000')

FRAC JOB

1/30/98 5511'-5569' Frac LDC sands as follows:
120,300# 20/40 sd in 582 bbls Delta frac.
Breakdown @ 2640 psi. Treated @ avg press of 1980 psi w/avg rate of 34.9 BPM. ISIP - 2411 psi, 5 min 2168 psi. Flowback on 12/64 ck for 4-1/2 hrs & died.

2/1/98 5328'-5336' Frac A sands as follows:
81,300 # sd in 459 bbls Delta frac.
Breakdown @ 2501 psi. Treated @ avg press of 3500 psi w/avg rate of 25 BPM. ISIP - 2094 psi, 5 min 3041 psi. Flowback on 12/64 ck for 2-1/2 hrs & died.

2/04/98 4872'-5039' Frac D/C sands as follows:
113,300 # 20/40 sd in 556 bbls Delta frac.
Breakdown @ 1109 psi. Treated w/avg pres of 1600 psi w/avg rate of 30 BPM. ISIP - 2094 psi, 5 min 2026 psi. Flowback on 12/64 ck 2-1/2 hrs & died.

1/2/02 Pump change. Update rod and tubing details.

9/5/02 Tubing leak. Update rod and tubing details.

10/24/02 4872'-4889' Refrac D1 sands as follows:
50,000# 20/40 sand in 203 bbls Viking I-25 fluid. Treated @ avg pressure of 2280 psi w/avg rate of 24.6 BPM. ISIP - 2625 psi. Calc. flush: 4872 gals. Actual flush: 4869 gals.

10/24/02 4414'-4428' Frac GB6 sands as follows:
50,000# 20/40 sand in 214 bbls Viking I-25 fluid. Treated @ avg pressure of 2013 psi w/avg rate of 22.7 BPM. ISIP - 2080 psi. Calc. flush: 4414 gals. Actual flush: 4661 gals.

3/1/03 Pump change. Update rod detail.

8/02/04 Tubing Leak. Update tubing and rod detail.

03/28/07 Pump Change. Update rod & tubing details.

10/09/07 Pump Change. Update rod & tubing details.

PERFORATION RECORD

1-29-98	5511'-5517'	4 JSPF	24 holes
1-29-98	5522'-5532'	4 JSPF	40 holes
1-29-98	5549'-5569'	4 JSPF	80 holes
1-31-98	5328'-5336'	4 JSPF	32 holes
2-03-98	4872'-4874'	4 JSPF	8 holes
2-03-98	4878'-4889'	4 JSPF	44 holes
2-03-98	4933'-4940'	4 JSPF	28 holes
2-03-98	4942'-4944'	4 JSPF	8 holes
2-03-98	5028'-5031'	4 JSPF	12 holes
2-03-98	5034'-5039'	4 JSPF	20 holes
10-24-02	4414'-4428'	4 JSPF	56 holes

Top of fill @ 5876'
PBTB @ 5962'
SHOE @ 6008'
TD @ 6025'

NEWFIELD

Wells Draw #6-4-9-16

1980' FNL & 1980' FWL

SENW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31972; Lease #U-30096

A Hukmet F

West Coast Region
5125 Boylan Street
Bakersfield, CA 93308
(661) 325-4138
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409361
Lease/Platform:	SOUTH WELLS DRAW	Analysis ID #:	78571
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

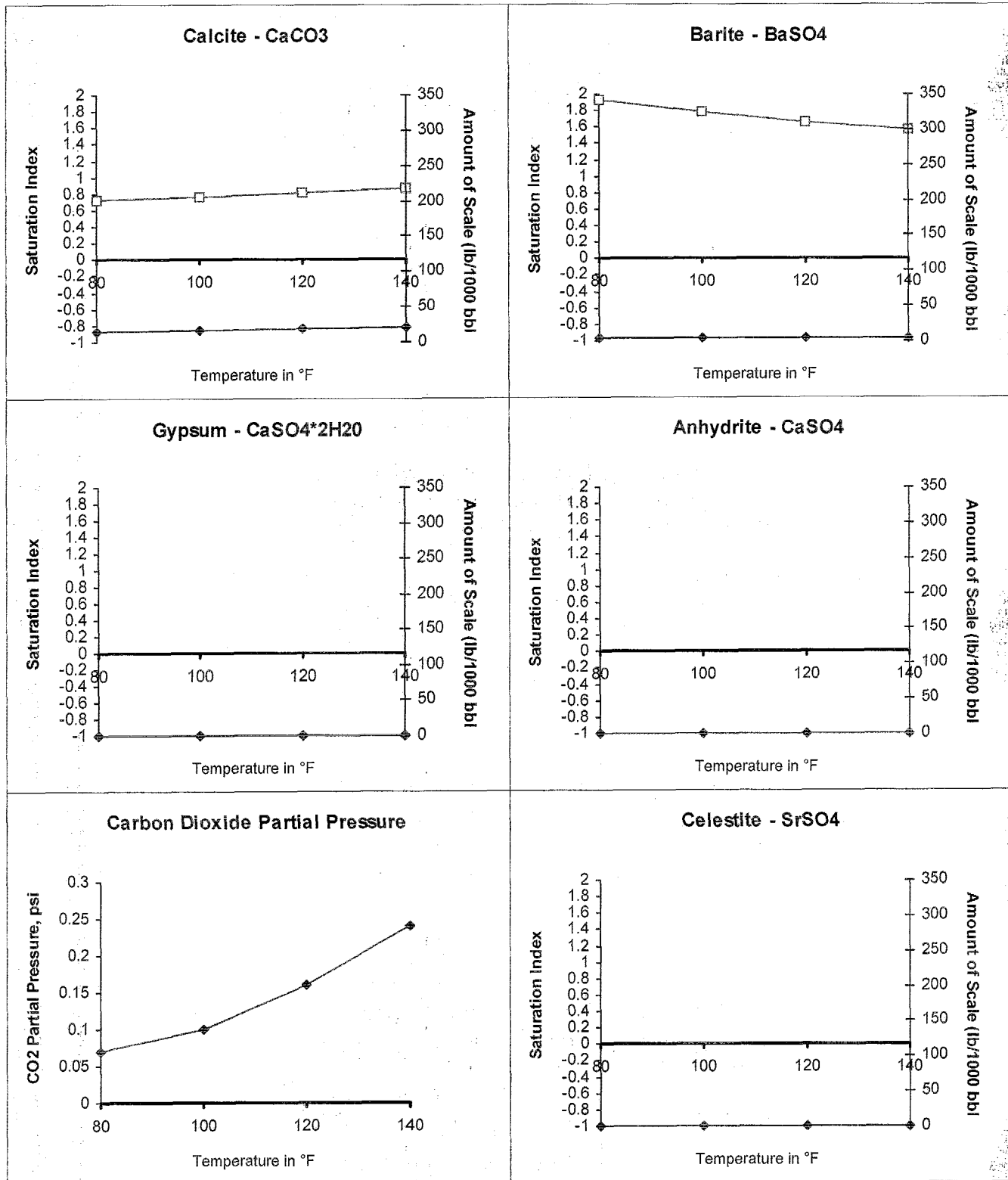
Summary		Analysis of Sample 409361 @ 75 °F					
Sampling Date:	01/20/08	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	01/25/08	Chloride:	2313.0	65.24	Sodium:	1726.0	75.08
Analyst:	STACEY SMITH	Bicarbonate:	678.0	11.11	Magnesium:	19.0	1.56
		Carbonate:	0.0	0.	Calcium:	39.0	1.96
TDS (mg/l or g/m3):	4924.9	Sulfate:	129.0	2.69	Strontium:	2.5	0.06
Density (g/cm3, tonne/m3):	1.003	Phosphate:			Barium:	7.0	0.1
Anion/Cation Ratio:	1.0000001	Borate:			Iron:	0.3	0.01
		Silicate:			Potassium:	11.0	0.28
					Aluminum:		
Carbon Dioxide:		Hydrogen Sulfide:			Chromium:		
Oxygen:		pH at time of sampling:			Copper:		
Comments:		pH at time of analysis:		8.13	Lead:		
		pH used in Calculation:		8.13	Manganese:	0.060	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ *2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.72	14.65	-2.18	0.00	-2.25	0.00	-1.63	0.00	1.92	4.19	0.07
100	0	0.76	16.74	-2.19	0.00	-2.19	0.00	-1.61	0.00	1.78	4.19	0.1
120	0	0.81	19.18	-2.19	0.00	-2.11	0.00	-1.58	0.00	1.66	4.19	0.16
140	0	0.86	21.62	-2.18	0.00	-2.01	0.00	-1.54	0.00	1.57	4.19	0.24

- Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
- Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
- Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 409361 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08



Attachment "G"

**Wells Draw Federal 11-4G-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient	Pmax
Top	Bottom			(psi/ft)	
5847	5862	5855	2330	0.83	2292
5515	5560	5538	2700	0.92	2664
5360	5435	5398	1800	0.77	1765
4924	4946	4935	1770	0.79	1738
5156	5162	5159	2695	0.96	2662
4440	4476	4458	2240	0.94	2211
				Minimum	<u>1738</u>

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attached G-1
1 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11-4G-9-16

Report Date: Feb.1, 2003

Day: 01

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5846' BP/Sand PBTD: 5951'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B sds	5222-5230'	4/32			
A sds	5360-5370'	4/40			
A sds	5386-5393'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-03

SITP: 0 SICP: 0

MIRU Pennant #18. Pump 100 BW down casing @ 250°F. RD pumping unit. Unseat pump. Flush tbg w/ 60 BW. Soft seat pump & pressure test tbg blew hole in tbg @ 2500 psi. Unseat pump TOH W/ 45 scraped rods. PU polish rod. SWIFN. Est 160 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0
Fluid lost/recovered today: 160 Oil lost/recovered today: 0
Ending fluid to be recovered: 160 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

TUBING DETAIL

AS PULLED

KB 13.00'
183 2 7/8 J-55 tbg (5734.63')
TA @ 5748' KB
2 2 7/8 J-55 tbg (62.87')
SN @ 5814' KB
1 2 7/8 J-55 tbg (31.30')
2 7/8 NC @ 5846' KB

ROD DETAIL

AS PULLED

1 1/2" X 22' polished rod
1-2' & 1-6' X 7/8" pony rods
4-7/8" plain rods
88-7/8" scraped rods
4-3/4" scraped rods
126-3/4" plain rods
9-1 1/2" weight rods
2 1/2" X 1 1/2" RHAC pump

COSTS

Pennant rig \$1,190
IPC supervision \$300
IPC water & truck \$500
IPC trucking \$600
Zubiate HO trk \$573
Randys pump repair \$1,000

Workover Supervisor: Ray Herrera

DAILY COST: \$4,163
TOTAL WELL COST: \$4,163



A Ham. 6-1
2 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16

Report Date: Feb.3 , 2003

Day: 02

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBDT: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 2229' BP/Sand PBDT: 5951'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B sds	5222-5230'	4/32			
A sds	5360-5370'	4/40			
A sds	5386-5393'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb 1,2003

SITP: 0 SICP: 0

Flush rods w/ 20 BW @ 250°F. TOH w/ rod string. LD pump. ND well head. (Note TA was not set in tension). NU BOP's. Tally & TOH looking for hole in tbg W/ 183 jts tbg, 5 1/2" TA, 2 jts tbg, SN, 1 jt tbg, NC.(Did not fine hole in tbg). PU & Tally in hole w/ 4 3/4" bit, 5 1/2" scraper & 70 jt 2 7/8" N-80 work string. EOT @ 2229'. SWIFN. Est 190 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 160 Starting oil rec to date: 0
Fluid lost/recovered today: 30 Oil lost/recovered today: 0
Ending fluid to be recovered: 190 Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

COSTS

Pennant rig	\$2,052
IPC supervision	\$300
IPC water & truck	\$500
Randy's TA repair	\$400
Zubiate HO trk	\$261

Workover Supervisor: Ray Herrera

DAILY COST: \$3,513
TOTAL WELL COST: \$7,676



A Hum. 9-1
3 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16

Report Date: Feb. 4, 2003

Day: 03

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 4913' BP/Sand PBTD: 6329'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B sds	5222-5230'	4/32			
A sds	5360-5370'	4/40			
A sds	5386-5393'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 3, 2003

SITP: 0 SICP: 0

Con't PU & TIH W/ bit, scraper & 2 7/8 L-80/N-80 tbg f/ 2229'. Tag fill @ 5849'. RU power swivel and circ equipment.
C/O fill to PBTD @ 6329'. Circ hole clean. Lost 93 BW. RD swivel. Pull EOT to 4913'. SIFN W/ est 283 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	190	Starting oil rec to date:	0
Fluid lost/recovered today:	93	Oil lost/recovered today:	0
Ending fluid to be recovered:	283	Cum oil recovered:	0
IFL: FFL: FTP:		Choke: Final Fluid Rate: Final oil cut:	

COSTS

Pennant rig	\$2,700
Weatherford BOP (3)	\$390
IPC trucking	\$1,000
Weatherford scraper	\$300
Four Star swivel & trk	\$550
IPC water & truck	\$200
IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST: \$5,440
TOTAL WELL COST: \$13,116



Attm. 9-1
4 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16
Operation: Re-complete

Report Date: Feb. 5, 2003

Day: 04

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 5142' BP/Sand PBTD: 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	NEW 4440-4448'	4/32	B sds	5222-5230'	4/32
GB6 sds	NEW 4460-4466'	4/24	A sds	5360-5370'	4/40
GB6 sds	NEW 4468-4476'	4/32	A sds	5386-5393'	4/28
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B .5 sds	NEW 5156-5162'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 4, 2003

SITP: 0 SICP: 0

Con't TOH W/ tbg f/ 4913'--LD bit & scraper. RU Patterson WLT & perf new intervals W/ 4" ported guns as follows: B .5 sds @ 5156-62' and GB6 sds @ 4440-48', 4460-66' & 4468-76'. All 4 JSPF in 2 runs. RD WLT. TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & frac tbg. Set plug @ 4434'. Fill hole W/ 6 BW. Pressure test plug, csg & wellhead to 3000 psi. Set pkr @ 4395'. Pressure test tools to 2000 psi. Release tools & con't TIH. Set plug @ 5200'. Pull up, install frac valve & subs. Leave pkr unset W/ EOT @ 5142'. Est 289 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	283	Starting oil rec to date:	0		
Fluid lost/recovered today:	6	Oil lost/recovered today:	0		
Ending fluid to be recovered:	289	Cum oil recovered:	0		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

Pennant rig	\$2,122
Weatherford BOP	\$130
IPC trucking	\$200
Weatherford tools/serv	\$2,500
Patterson - perfs	\$3,125
Zubiate HO trk	\$480
IPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:
Completion Supervisor: Gary Dietz

DAILY COST: \$8,857
TOTAL WELL COST: \$21,973



Altum, G-1

5 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16

Report Date: Feb. 6, 2003

Day: 05

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 5128' BP/Sand PBTD: 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	NEW 4440-4448'	4/32	B sds	5222-5230'	4/32
GB6 sds	NEW 4460-4466'	4/24	A sds	5360-5370'	4/40
GB6 sds	NEW 4468-4476'	4/32	A sds	5386-5393'	4/28
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B .5 sds	NEW 5156-5162'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 5, 2003

SITP: 0 SICP: 0

Day 5(a):

Set pkr elements @ 5128' (EOT @ 5138'). Fill annulus W/ 5 BW & hold 100-200 psi during frac (used add'l 2 BW). RU BJ Services to tbg and frac new B .5 sds (5156-62') W/ 20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Perfs broke down @ 4635 psi. Treated @ ave press of 3953 psi W/ ave rate of 14.5 BPM. ISIP- 2695 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 30 minutes & died. Rec 20 BTF (est 10% of frac load). Fill & pressure up on annulus, open bypass on pkr. Rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5180'. C/O sd to RBP @ 5200'. Circ hole clean. Lost 10 BW during cleanout. Release plug. Est 484 BWTR.

See day 5(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	289	Starting oil rec to date:	0
Fluid lost/recovered today:	195	Oil lost/recovered today:	0
Ending fluid to be recovered:	484	Cum oil recovered:	0
IFL:		Choke:	12/64
FFL:		Final Fluid Rate:	
FTP:		Final oil cut:	

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: B .5 sands

PUMPED DOWN 2 7/8 N-80 TUBING

2000 gals of pad
1511 gals W/ 1-4 ppg of 20/40 sand
3588 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 1218 gals of slick water

COSTS

Pennant rig	\$1,440
Weatherford BOP	\$130
Betts frac wtr	\$300
Weatherford service	\$550
IPC fuel gas	\$50
BJ Services-B sds	\$14,704
IPC frac valve	\$300
IPC supervision	\$150

Max TP: 4180 Max Rate: 16 BPM Total fluid pmpd: 198 bbls
Avg TP: 3953 Avg Rate: 14.5 BPM Total Prop pmpd: 20,307#
ISIP: 2695 5 min: 10 min: FG: .96
Completion Supervisor: Gary Dietz

DAILY COST: \$17,624
TOTAL WELL COST: \$39,597



Attn. C-1
6 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16

Report Date: Feb. 6, 2003

Day: 05

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 0 BP/Sand PBTD: 4550'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	NEW 4440-4448'	4/32	B sds	5222-5230'	4/32
GB6 sds	NEW 4460-4466'	4/24	A sds	5360-5370'	4/40
GB6 sds	NEW 4468-4476'	4/32	A sds	5386-5393'	4/28
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B .5 sds	NEW 5156-5162'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 5, 2003

SITP: 0 SICP: 0

Day 5(b):

Pull tbg & tools uphole. Set plug @ 4550' & pkr @ 4523' fill tbg W/ 1 BW & pressure test plug to 2000 psi. Release pkr & TOH. NU isolation tool. RU BJ Services and frac new GB6 sds (4440' through 4476') down casing W/ 74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Perfs broke down @ 3268 psi. Treated @ ave pressure of 2176 psi W ave rate of 24.6 BPM. ISIP-2240 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 3 1/2 hrs & died. Rec 182 BTF (est 32% of frac load). ND isolation tool. SIFN W/ est 867 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	484	Starting oil rec to date:	0
Fluid lost/recovered today:	383	Oil lost/recovered today:	0
Ending fluid to be recovered:	867	Cum oil recovered:	0
IFL:	FFL:	FTP:	Choke: 12/64
		Final Fluid Rate:	Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB6 sands

****PUMPED DOWN 5 1/2" 17# casing****

5700 gals of pad

4000 gals W/ 1-5 ppg of 20/40 sand

8000 gals W/ 5-8 ppg of 20/40 sand

1734 gals W/ 8 ppg of 20/40 sand

Flush W/ 4242 gals of slick water

COSTS

Pennant rig	\$1,440
IPC fuel gas	\$50
Betts frac wtr	\$900
RNI frac wtr	\$200
IPC frac tks (2X5 dys)	\$400
BJ Services-GB sds	\$15,409
IPC supervision	\$150

Max TP: 2449 Max Rate: 25.2 BPM Total fluid pmpd: 564 bbls

Avg TP: 2176 Avg Rate: 24.6 BPM Total Prop pmpd: 74,499#

ISIP: 2240 5 min: 10 min: FG: .94

Completion Supervisor: Gary Dietz

DAILY COST: \$18,549
TOTAL WELL COST: \$58,146



Attach. 9-1
7 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16

Report Date: Feb. 7, 2003

Day: 06

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 6264' BP/Sand PBTD: 6329'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	NEW 4440-4448'	4/32	B sds	5222-5230'	4/32
GB6 sds	NEW 4460-4466'	4/24	A sds	5360-5370'	4/40
GB6 sds	NEW 4468-4476'	4/32	A sds	5386-5393'	4/28
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B .5 sds	NEW 5156-5162'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 6, 2003

SITP: SICP: 100

Thaw BOP W/ HO trk. Bleed pressure off well. Rec est 5 BTF. TIH W/ RH & tbg. Tbg displaced 10 BW on TIH. Tag sd @ 4462'. C/O sd to RBP @ 4550'. Circ hole clean. Lost est 20 BW. Release plug. TOH W/ tbg--LD plug. TIH W/ NC & tbg. Tag PBTD @ 6329' (no fill). Pull EOT to 6264'. RU swab equipment. IFL @ 100'. Made 5 swb runs rec 155 BTF (est 147 BW & 8 BO) W/ light gas & small tr sd. FFL @ 1900'. SIFN W/ est 725 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	867	Starting oil rec to date:	0
Fluid lost/recovered today:	142	Oil lost/recovered today:	8
Ending fluid to be recovered:	725	Cum oil recovered:	8
IFL: 100' FFL: 1900' FTP:		Choke:	
		Final Fluid Rate:	
		Final oil cut:	10%

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

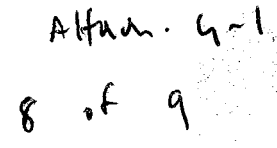
Procedure or Equipment detail:

COSTS

Pennant rig	\$2,993
Weatherford BOP	\$130
RNI wtr transfer	\$200
Zubiate HO trk	\$150
IPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:
Completion Supervisor: Gary Dietz

DAILY COST: \$3,773
TOTAL WELL COST: \$61,919



WELL NAME: Wells Draw 11-4G-9-16 Report Date: Feb. 8, 2003 Day: 07
Operation: Re-complete Rig: Pennant # 18

Surf Csg:	<u>8 5/8</u>	@	<u>296'</u>	Prod Csg:	<u>5 1/2</u>	@	<u>6453'</u>	WT:	<u>17#</u>	Csg PBDT:	<u>6329'</u>
Tbg:	<u>Size:</u>	<u>2 7/8</u>	Wt:	<u>6.5#</u>	Grd:	<u>J-55</u>	Pkr/EOT @:	<u>2046'</u>	BP/Sand PBDT:	<u>6329'</u>	

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	NEW 4440-4448'	4/32	B sds	5222-5230'	4/32
GB6 sds	NEW 4460-4466'	4/24	A sds	5360-5370'	4/40
GB6 sds	NEW 4468-4476'	4/32	A sds	5386-5393'	4/28
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B .5 sds	NEW 5156-5162'	4/24			

Date Work Performed: Feb. 7, 2003 SITP: 40 SICP: 80

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	<u>725</u>	Starting oil rec to date:	<u>8</u>
Fluid <u>lost</u> /recovered today:	<u>87</u>	Oil <u>lost</u> /recovered today:	<u>72</u>
Ending fluid to be recovered:	<u>812</u>	Cum oil recovered:	<u>80</u>
IFL: 800' FFL: 2100' FTP:		Choke:	Final Fluid Rate:
			Final oil cut: 50%

ROD DETAIL

COSTS

Pennant rig	\$2,970
Weatherford BOP	\$130
RNI wtr disposal	\$750
Zubiate HO trk	\$500
IPC trucking	\$200
5 jts J-55 tbg	\$450
Frac tbg rent (6 days)	\$2,788
IPC supervision	\$300

DAILY COST:	\$8,088
TOTAL WELL COST:	\$70,007

Completion Supervisor: Gary Dietz



A Hum. 9-1

9 of 9

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 11- 4G-9-16

Report Date: Feb. 9, 2003

Day: 08

Operation: Re-complete

Rig: Pennant # 18

WELL STATUS

Surf Csg: 8 5/8 @ 296' Prod Csg: 5 1/2 @ 6453' WT: 17# Csg PBTD: 6329'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5813' BP/Sand PBTD: 6329'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	NEW 4440-4448'	4/32	B sds	5222-5230'	4/32
GB6 sds	NEW 4460-4466'	4/24	A sds	5360-5370'	4/40
GB6 sds	NEW 4468-4476'	4/32	A sds	5386-5393'	4/28
D sds	4924-4946'	4/88	A sds	5420-5435'	4/60
D sds	5013-5019'	4/24	LODC sds	5515-5560'	4/180
C sds	5108-5113'	4/20	CP sds	5847-5862'	4/60
B .5 sds	NEW 5156-5162'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 8, 2003

SITP: 0 SICP: 0

Con't testing BHA & production tbg in hole. Ruptured 4 jts total. Final test held 3500 psi. Used 15 BW testing tbg. Retrieve standing valve W/ sandline. Tbg configuration as follows: 2 7/8 NC, 1 jt tbg, new SN, 2 jts tbg, repaired Randys' 5 1/2" TA (45K) & 185 2 7/8 8rd 6.5# J-55 tbg. Btm 2 jts above SN & top 11 jts of string are used/inspected tbg. ND BOP. Set TA @ 5813' W/ SN @ 5879' & EOT @ 5911'. Land tbg W/ 15,000# tension. NU wellhead. TIH W/ pump & revised rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 16' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods (B grade), 122-3/4" plain rods, 88-7/8" scraped rods, 4-7/8" plain rods & 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 2 BW & pressure test pump and tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. Chg to RDMOSU. Est 829 BWTR.

Place well on production @ 6:00 PM 2/8/2003 W/ 62" SL @ 7 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	812	Starting oil rec to date:	80		
Fluid lost/recovered today:	17	Oil lost/recovered today:	0		
Ending fluid to be recovered:	829	Cum oil recovered:	80		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

TUBING DETAIL

ROD DETAIL

COSTS

KB	13.00'	1 1/2" X 22' polished rod	Pennant rig	\$3,612
185	2 7/8 J-55 tbg (5800.04')	4-7/8" plain rods	Weatherford BOP	\$130
	TA (2.80' @ 5813.04' KB)	88-7/8" scraped rods	RNI wtr disposal	\$400
2	2 7/8 J-55 tbg (62.73')	122-3/4" plain rods	Zubiate HO trk	\$900
	SN (1.10' @ 5878.57' KB)	10-3/4" scraped rods	IPC trucking	\$400
1	2 7/8 J-55 tbg (31.35')	6-1 1/2" weight rods	10 jts J-55 tbg	\$900
	2 7/8 NC (.45')	Randys' 2 1/2" X 1 1/2" X 16'	Mt. West sanitation	\$400
EOT	5911.47' W/ 13' KB	RHAC pump W/ SM plunger	IPC location cleanup	\$300
			IPC swb tks (2X8 dys)	\$640
			10 scraped rods	\$500
			Randys' SN	\$70
			IPC supervision	\$300

Completion Supervisor: Gary Dietz

DAILY COST: \$8,552
TOTAL WELL COST: \$78,559

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4345'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Perforate 4 JSPF @ 346
5. Circulate 108 sx Class G Cement down 5 -1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$35,401.

Attachment H-1

Federal #11-4G-9-16

Spud Date: 12/21/89
Put on Production: 3/21/90
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD
130 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 296'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 Class "G" cmt, est ? bbls to surface

Proposed P & A Wellbore Diagram

Casing Shoe @ 296'

Circulate 108 sx Class G Cement down 5 -1/2" casing and
up the 5-1/2" x 8-5/8" annulus

Perforate 4 JSPF @ 346'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC
CEMENT TOP AT: 1430'
SET AT: 6453'

Cement top @ 1430'

200' Balanced Plug (25 sx) Class G Cement over water
zone 2000' - 2200'

100' (12 sx) Class G Cement plug on top of CIBP
CIBP @ 4345'

4440'-4448'

4460'-4466'

4468'-4476'

4924'-4946'

5013'-5019'

5108'-5113'

5156'-5162'

5222'-5230'

5360'-5370'

5386'-5393'

5420'-5435'

5515'-5560'

5847'-5862'

PBTD @ 6329'

TD @ 6453'

NEWFIELD

NWNW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-31250; Lease #U-30096

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2067 FSL 1990 FWL

NESW Section 4 T9S R16E

5. Lease Serial No.

USA UTU-77338

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

S WELLS DRAW UNIT

8. Well Name and No.

S WELLS DRAW 11-4-9-16

9. API Well No.

4301332104

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

2/28/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 03/21/2008 3:46 PM
Subject: Legals run dates

Jean,

Legals UIC 066.2, UIC 345, UIC 346 and UIC 344 will all run in our March 25th issue.

Thank you,

Bonnie Parrish
Uintah Basin Standard
435-722-5131

Jean Sweet - RE: Notice of Agency Action UIC 344

From: "NAC Legal" <naclegal@nacorp.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 3/21/2008 2:50 PM
Subject: RE: Notice of Agency Action UIC 344

Ad #260881 is scheduled to run March 27 and the total charge is \$247.50.

Thank you.

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-237-2720

Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Friday, March 21, 2008 1:40 PM
To: naclegal@nacorp.com
Subject: Notice of Agency Action UIC 344

Good Afternoon,

See attached. Please let me know when this will be published.

Thanks,

Jean Sweet, Executive Secretary

Utah Div. of Oil, Gas & Mining

1594 West Temple

Salt Lake City, UT

801-538-5329

jsweet@utah.gov

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF NEWFIELD
EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF
THE HAWKEYE 10-23-8-16 WELL LOCATED IN SECTION 23,
MONUMENT BUTTE FEDERAL 14-24-8-16 WELL LOCATED IN
SECTION 24, MONUMENT BUTTE FEDERAL 4-25-8-16, MONUMENT
BUTTE FEDERAL 2-25-8-16, WELLS LOCATED IN SECTION 25,
TOWNSHIP 8 SOUTH, RANGE 16 EAST, MONUMENT BUTTE 16-2-9-
16, SOUTH WELLS DRAW 14-2-9-16, MONUMENT BUTTE 10-2-9-16,
MONUMENT BUTTE 6-2-9-16, MONUMENT BUTTE 2-2-9-16 WELLS
LOCATED IN SECTION 2, SOUTH WELLS DRAW 15-3-9-16, SOUTH
WELLS DRAW 7-3-9-16, SOUTH WELLS DRAW 9-3-9-16 WELLS
LOCATED IN SECTION 3, WELLS DRAW FEDERAL 11-4G-9-16,
WELLS DRAW 6-4G-9-16 WELLS LOCATED IN SECTION 4, JONAH
FEDERAL 15-15-9-16 WELL LOCATED IN SECTION 15, WEST POINT
FEDERAL 5-18-9-16, WEST POINT FEDERAL 7-18-9-16, WEST POINT
FEDERAL 3-18-9-16 WELLS LOCATED IN SECTION 18, TOWNSHIP 9
SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II
INJECTION WELLS

: NOTICE OF AGENCY ACTION

: CAUSE NO. UIC 344

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


Gil Hunt
Associate Director

Newfield Exploration Company

Hawkeye 10-23-8-16, Monument Butte Federal 14-24-8-16, Monument Butte Federal 4-25-8-16,
Monument Butte Federal 2-25-8-16, Monument Butte 16-2-9-16, South Wells Draw 14-2-9-16,
Monument Butte 10-2-9-16 Monument Butte 6-2-9-16, Monument Butte 2-2-9-16, South Wells
Draw 15-3-9-16, South Wells Draw 7-3-9-16, South Wells Draw 9-3-9-16, Wells Draw Federal
11-4G-9-16, Wells Draw 6-4G-9-16, Jonah Federal 15-15-9-16, West Point Federal 5-18-9-16,
West Point Federal 7-18-9-16, West Point Federal 3-18-9-16

Cause No. UIC 344

Publication Notices were sent to the following:

Newfield Exploration Company
17th Street, Suite 1000
Denver CO 80202

Newfield Production Company
Rt 3 Box 3630
Myton, Utah 84052

Via E-mail and Facsimile (435) 722-4140
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Via E-mail and Facsimile (801) 237-2776
The Salt Lake Tribune
PO Box 45838
Salt Lake City, Utah 84145

Vernal Office
Bureau of Land Management
170 South 500 East Vernal, ut 84078

Duchesne County Planning
PO Box 910
Duchesne, UT 84021

Dan Jackson
US EPA Region VIII
MS 8-P-W-GW
1595 Wynkoop St
Denver, CO 80202-1129



Jean Sweet
Executive Secretary

March 21, 2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 21, 2008

SENT VIA E-MAIL AND FAX

The Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Cause No. UIC 344

To whom it May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining
Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801.

Sincerely,

Jean Sweet
Executive Secretary

Enclosure





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 21, 2008

SENT VIA E-MAIL AND FAX

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Cause No. UIC 344

To whom it May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801.

Sincerely,

Jean Sweet
Executive Secretary

Enclosure





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 22, 2008

Newfield Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

Re: Wells Draw Unit Well: Wells Draw Federal 11-4G-9-16, Section 4, Township 9 South, Range 16 East, Duchesne County, Utah

Mr. Eric Sundberg,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Newfield Production Company, Myton
SITLA
Duchesne County
Well File

**NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC 344**

BEFORE THE DIVI-
SION OF OIL, GAS AND
MINING
DEPARTMENT OF
NATURAL RESOURC-
ES

STATE OF UTAH
THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

Notice is hereby given
that the Division of Oil,
Gas and Mining (the "Di-
vision") is commencing

an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

Gil Hunt

Associate Director

Published in the Uintah
Basin Standard March 25,
2008.

NEWFIELD



December 22, 2008

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT
Wells Draw 11-4G-9-16
Sec.4, T9S, R16E
API #43-013-31250

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was preformed. Please find enclosed the sundry, a copy of the tabular, work detail and chart. If you have any questions, please contact me at 435-646-4848.

Sincerely,

A handwritten signature in black ink, appearing to read "Callie Ross".

Callie Ross
Production Clerk

RECEIVED

DEC 24 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-30096

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT

8. WELL NAME and NUMBER:
FEDERAL 11-4G

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331250

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 660 FNL 800 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 4, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Injection Conversion
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/12/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 12/16/08 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 12/17/08. On 12/17/08 the csg was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 400 psig during the test. There was not a State representative available to witness the test.

API #43-013-31250

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

Callie Ross

DATE 12/23/2008

(This space for State use only)

RECEIVED

DEC 24 2008

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 12/17/08 Time 9:00 am pm

Test Conducted by: Gordon Wernack

Others Present: _____

Well: 11-4G-9-16

Field: Monument Butte

Well Location: NW/NW SEC 4 T9S R16E
Duchesne County, UT

API No: 43-013-31250

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1110</u>	psig
5	<u>1110</u>	psig
10	<u>1110</u>	psig
15	<u>1110</u>	psig
20	<u>1110</u>	psig
25	<u>1110</u>	psig
30 min	<u>1110</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

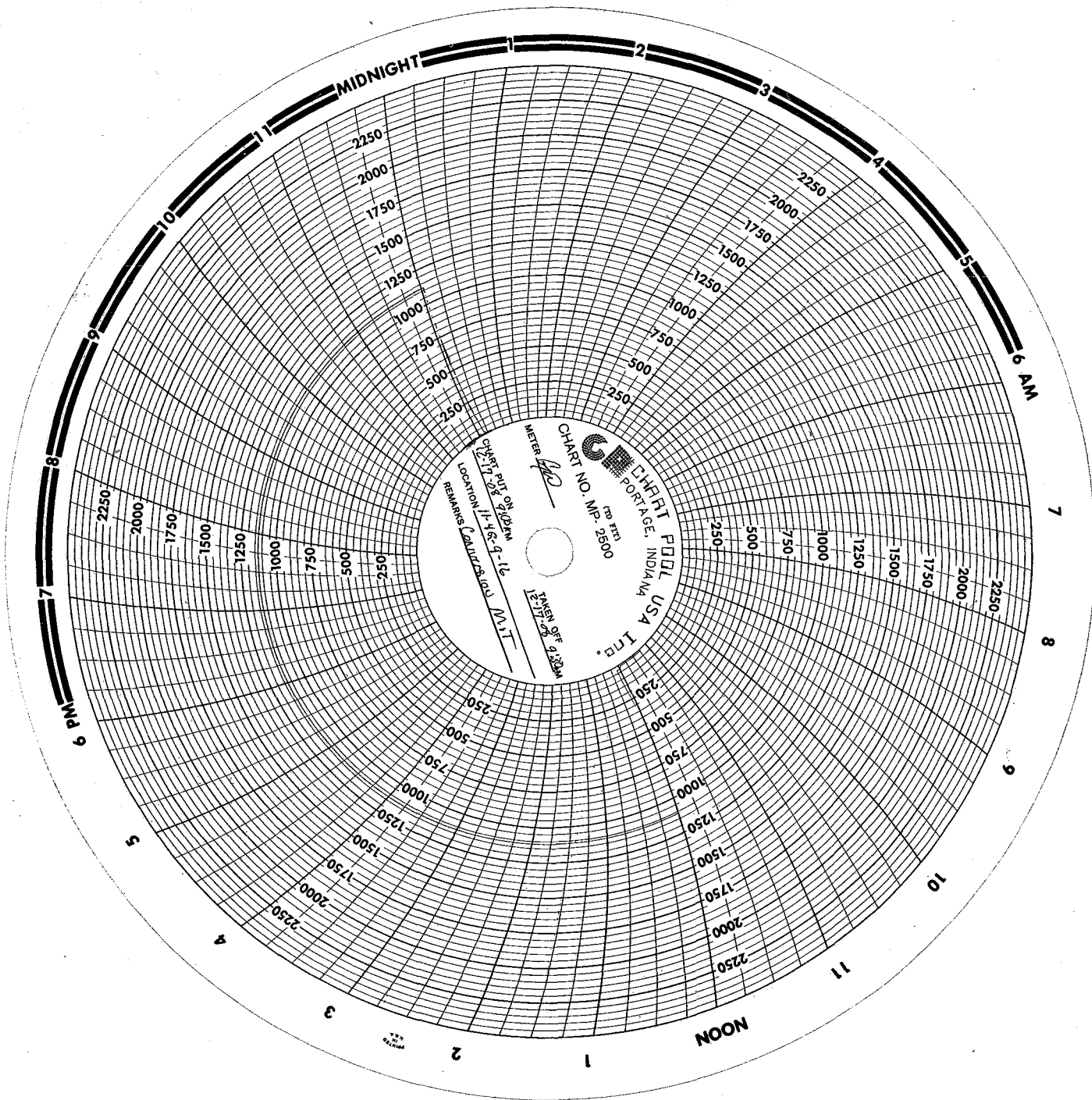
Tubing pressure: 400 psig

Result: Pass Fail

RECEIVED
DEC 24 2008
DIV. OF OIL, GAS & MINING

Signature of Witness: _____

Signature of Person Conducting Test: Gordon Wernack



RECEIVED

DEC 24 2008

DIV. OF OIL, GAS & MIN.

FEDERAL 11-4G-9-16**10/1/2008 To 2/28/2009****12/11/2008 Day: 1****Conversion**

Western #4 on 12/10/2008 - MIRU Western #4. RU HO trk & pump 70 BW dn annulus @ 250°F (well circulated from the start). RD pumping unit & unseat pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice on TOH. SIFN.

12/12/2008 Day: 2**Conversion**

Western #4 on 12/11/2008 - ND wellhead & release TA @ 5813'. NU BOP. TOH & talley production tbg. Broke each connection, clean & inspect threads & apply Liquid O-ring to pins. LD btm 48 jts tbg & BHA. Had to flush tbg several times to remove internal wax (well circulates). MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X packer (W/ W.L. re-entry guide & hardened steel slips), new 2 7/8 SN and 140 jts 2 7/8 8rd 6.5# J-55 tbg. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Leave pressure on tbg overnight. SIFN.

12/13/2008 Day: 3**Conversion**

Western #4 on 12/12/2008 - Thaw tbg stump W/ HO trk. Tbg pressure @ 2200 psi. RU HO trk & bump up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4400', CE @ 4404' & EOT @ 4408'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU. Well ready for MIT.

12/18/2008 Day: 4**Conversion**

Rigless on 12/17/2008 - On 12/16/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Wells Draw 11-4G-9-16). Permission was given at that time to perform the test on 12/17/08. On 12/17/08 the csg was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 400 psig during the test. There was not a State representative available to witness the test. API #43-013-31250

RECEIVED**DEC 24 2008**

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

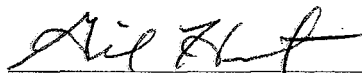
Cause No. UIC-344

Operator: Newfield Production Company
Well: Wells Draw Federal 11-4G-9-16
Location: Section 4, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31250
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 22, 2008.
2. Maximum Allowable Injection Pressure: 1,738 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,224' - 6,230')

Approved by:


Gil Hunt
Associate Director

1-21-09
Date

GLH/BGH/js

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg Newfield Production Company, Denver
Newfield Production Company, Myton
SITLA, Salt Lake City
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\Permitting\UIC



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Wells Draw Federal 11-4G-9-16

Location: 4/9S/16E **API:** 43-013-31250

Ownership Issues: The proposed well is located on Federal land. The well is located in the Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM and State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Wells Draw Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 296 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,453 feet. A cement bond log demonstrates adequate bond in this well up to 3,380 feet. A 2 7/8 inch tubing with a packer will be set at 4,405 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 5 injection wells and 2 shut-in wells in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is approximately 550 feet. Injection shall be the interval between 4,224 feet and 6,230 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 11-4G-9-16 well is .79 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,738 psig. The requested maximum pressure is 1,738 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Wells Draw Federal 11-4G-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Wells Draw Unit December 1, 1993. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak Date 03/19/2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

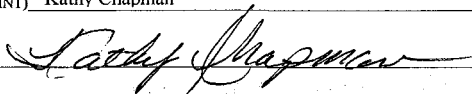
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WI</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-30096
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: WELLS DRAW UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: FEDERAL 11-4G
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FNL 800 FWL		9. API NUMBER: 4301331250
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 4, T9S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>02/02/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Change status put well on injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:00AM on 2-2-09.

NAME (PLEASE PRINT) <u>Kathy Chapman</u>	TITLE <u>Office Manager</u>
SIGNATURE 	DATE <u>02/04/2009</u>

(This space for State use only)

RECEIVED
FEB 09 2009
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WI</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-30096
2. NAME OF OPERATOR:		NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR:		Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL:		FOOTAGES AT SURFACE: 660 FNL 800 FWL		8. WELL NAME and NUMBER: FEDERAL 11-4G
		OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 4, T9S, R16E		9. API NUMBER: 4301331250
				10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
				COUNTY: DUCHESNE
				STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>03/03/2011</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on March 3, 2011. Results from the test indicate that the fracture gradient is 0.872 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1738 psi to 1920 psi.

COPY SENT TO OPERATOR

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 4.6.2011
Initials: KS

Date: 04-05-11
By: [Signature]

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>03/04/2011</u>

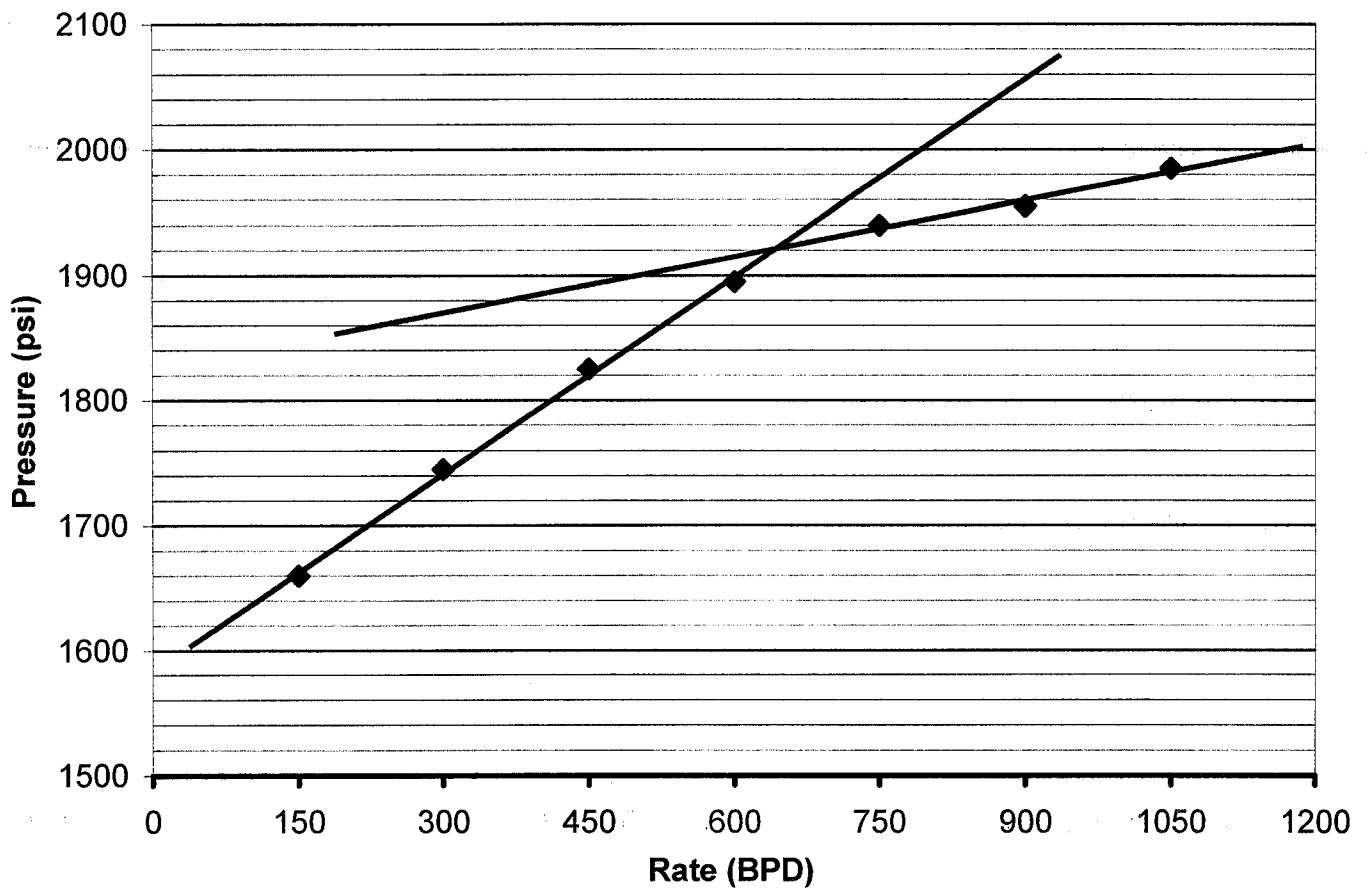
(This space for State use only)

RECEIVED

MAR 08 2011

DIV. OF OIL, GAS & MINING

**Federal 11-4G-9-16
Greater Monument Butte Unit
Step Rate Test
March 3, 2011**



Start Pressure:

1610 psi

Top Perforation:

4440 feet

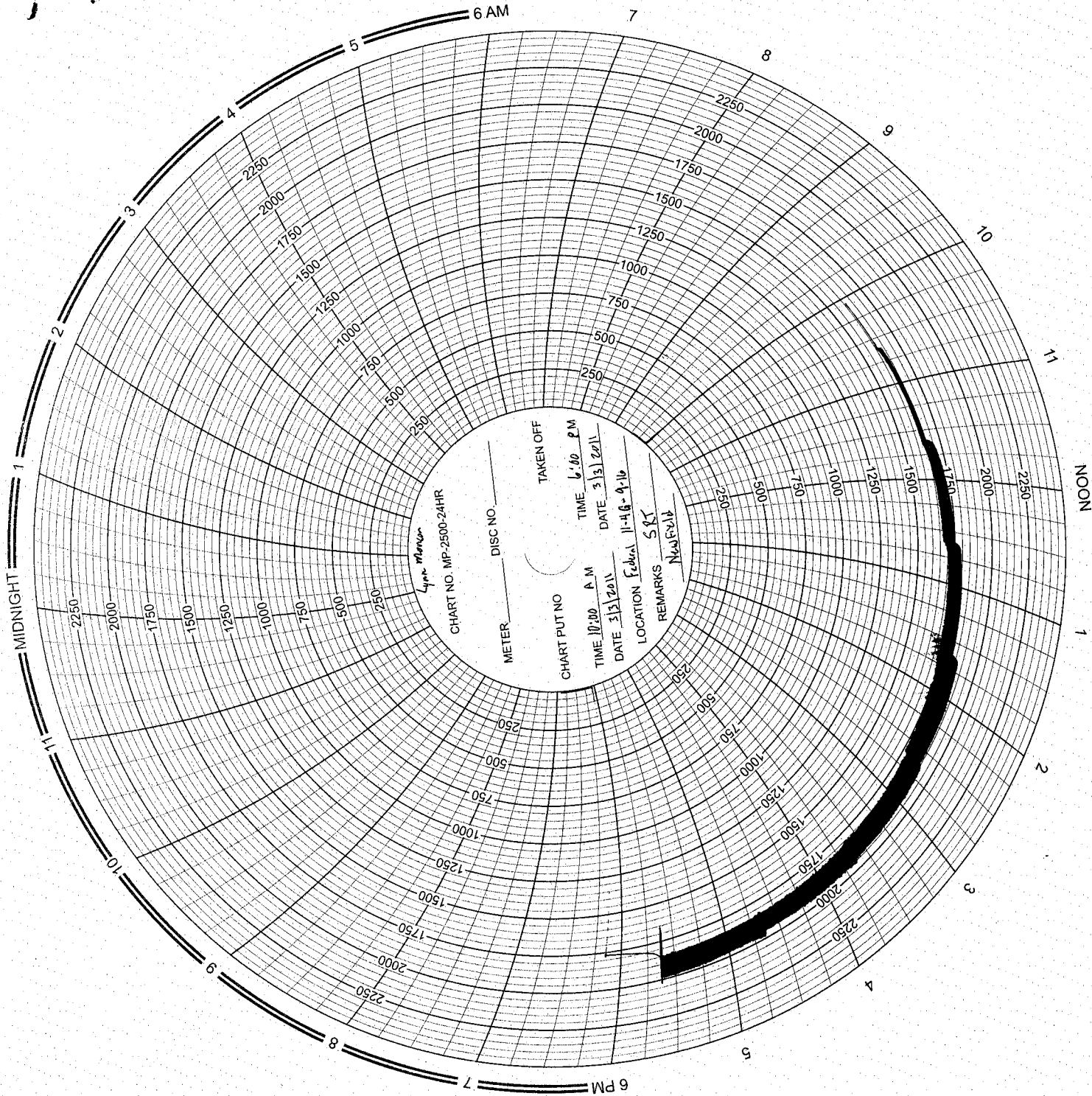
Fracture pressure (Pfp):

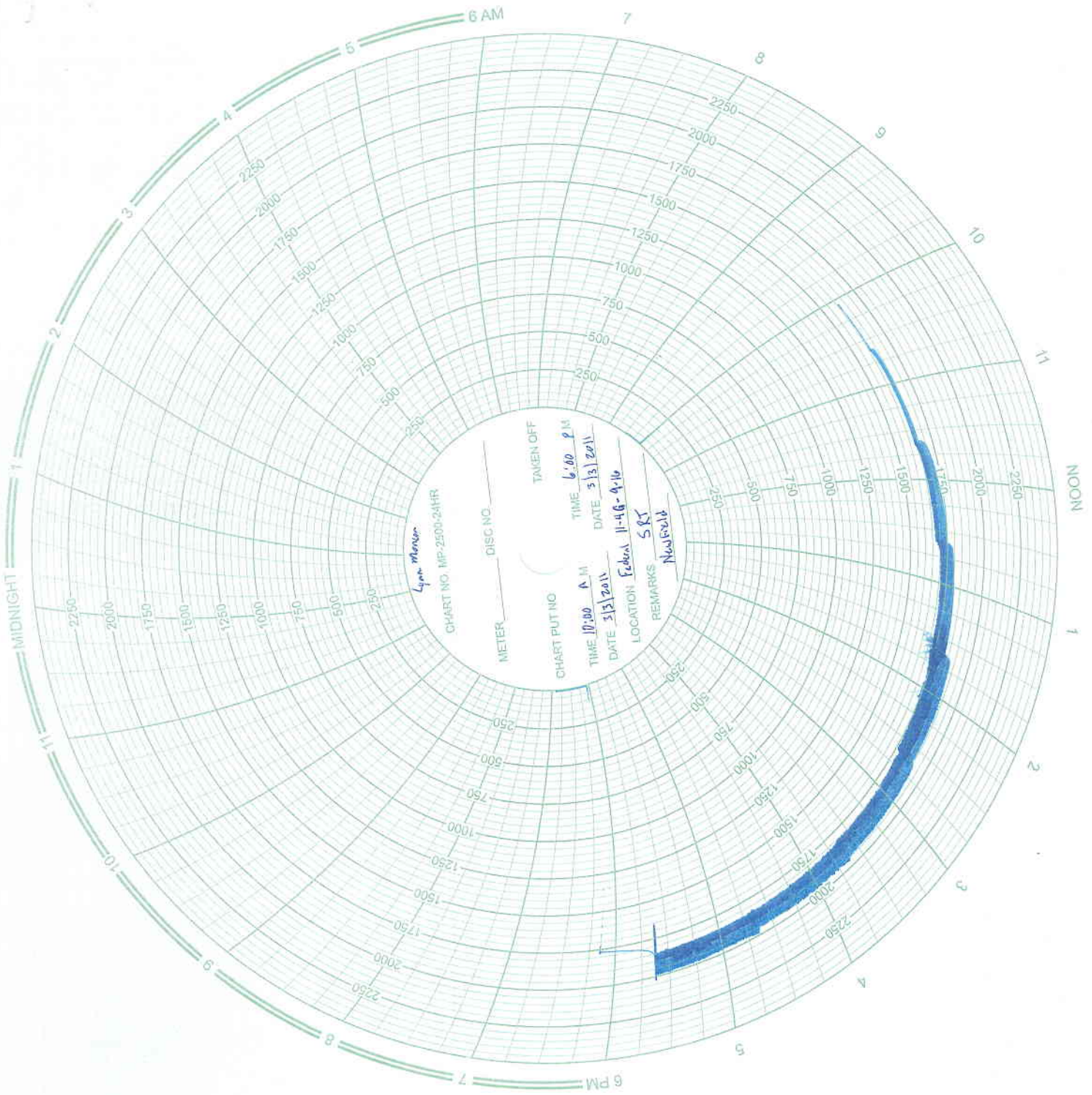
1920 psi

FG:

0.872 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	150	1660
2	300	1745
3	450	1825
4	600	1895
5	750	1940
6	900	1955
7	1050	1985





STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-30096
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 11-4-G
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0800 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 04 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013312500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/2/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input checked="" type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>May 15, 2012</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/20/2012	

Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 4/2/12 Time 11:30 am pmTest Conducted by: Trent Horrocks

Others Present: _____

Well: Fed. 11-46-9-16

Field: Mon. Butte

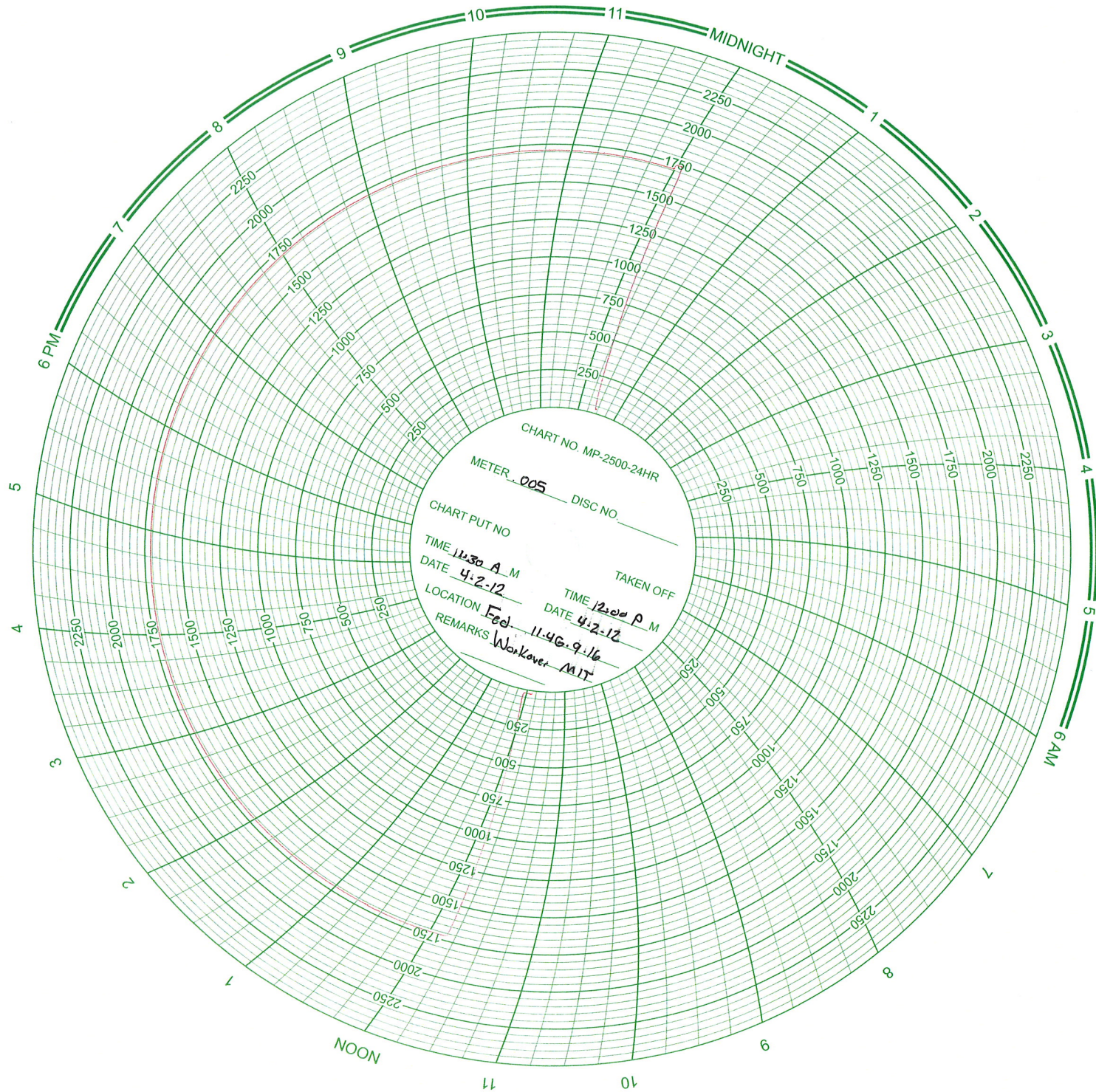
Well Location: Fed. 11-46-9-16

API No: 43.013.52104

NW1/4 Sec. 4 T9S R16E Duch. Cnty. UT.

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1710</u>	psig
5	<u>1710</u>	psig
10	<u>1710</u>	psig
15	<u>1710</u>	psig
20	<u>1710</u>	psig
25	<u>1710</u>	psig
30 min	<u>1710</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1150 psigResult: Pass FailSignature of Witness: Chris JensenSignature of Person Conducting Test: Trent Horrocks



Daily Activity Report

Format For Sundry

FEDERAL 11-4G-9-16

1/1/2012 To 5/30/2012

4/17/2012 Day: 3

Tubing Leak

Nabors #1420 on 4/17/2012 - Get good csg test. RDMOSU NWS #1420 - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Crew travel - Crew travel - Crew travel - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOOH w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Godd test. Continue TOOH w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOOH w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Godd test. Continue TOOH w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOOH w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Godd test. Continue TOOH w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - Open well. TBG 825 psi. CSG 800 psi. Release PKR &

flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOO H w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Good test. Continue TOO H w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOO H w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Good test. Continue TOO H w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOO H w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Good test. Continue TOO H w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN.

Daily Cost: \$0

Cumulative Cost: \$28,921

4/19/2012 Day: 4

Tubing Leak

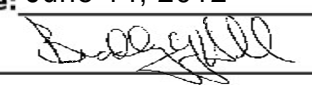
Rigless on 4/19/2012 - Conduct MIT - On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minutse with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minutse with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minutse with no

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Daily Cost: \$0

Cumulative Cost: \$29,821

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-30096
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 11-4-G
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0800 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 04 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013312500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/2/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>		
Accepted by the Utah Division of Oil, Gas and Mining Date: June 14, 2012 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 6/13/2012

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 4/2/12 Time 11:30 am pm

Test Conducted by: Trent Horrocks

Others Present: _____

Well: 11-46-9-16

Field: Mon Butte

Well Location: Fed 11-46-9-16

API No: 4301331250

NW/NE Sec. 4 T5 R16E Deerpark UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1710</u>	psig
5	<u>1710</u>	psig
10	<u>1710</u>	psig
15	<u>1710</u>	psig
20	<u>1710</u>	psig
25	<u>1710</u>	psig
30 min	<u>1710</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1150 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Trent Horrocks

Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 4/2/12 Time 11:30 am pm
Test Conducted by: Trent Harrocks
Others Present: _____

Well: Fed. 11-46-9-16	Field: <u>Mon. Butte</u>
Well Location: Fed. 11-46-9-16	API No: <u>43-013-32104</u>
NW/4W Sec. 4 T9S R16E Duch. Cnty. UT	

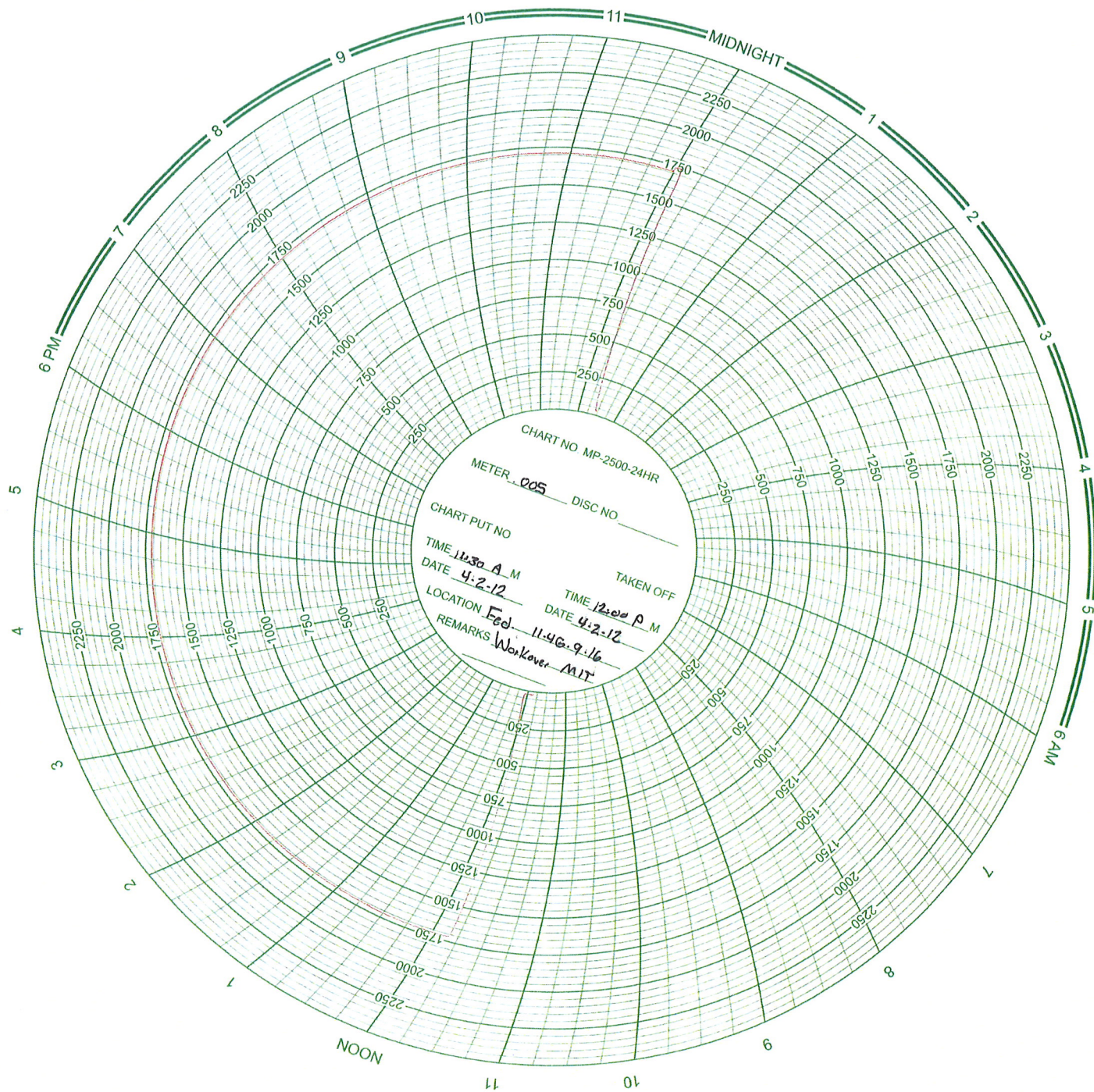
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1710</u>	psig
5	<u>1710</u>	psig
10	<u>1710</u>	psig
15	<u>1710</u>	psig
20	<u>1710</u>	psig
25	<u>1710</u>	psig
30 min	<u>1710</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1150 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Trent Harrocks



Daily Activity Report**Format For Sundry****FEDERAL 11-4G-9-16****1/1/2012 To 5/30/2012****4/17/2012 Day: 3****Tubing Leak**

Nabors #1420 on 4/17/2012 - Get good csg test. RDMOSU NWS #1420 - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Crew travel - Crew travel - Crew travel - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Open well. TBG 825 psi. CSG 800 psi. Release PKR & flush csg w/ 50 bw @ 250°. Pump pkr fluid. Reset & pressure up to 1400 psi. Good test. RDMOSU NWS #1420. Ready for MIT - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOOH w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Godd test. Continue TOOH w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOOH w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Godd test. Continue TOOH w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - RUSU NWWS #1420. Open well. TBG 800 psi. CSG 800 psi. Bleed off well. ND Well head. NU BOP. RU work floor. Release PKR. Flush tbg w/ 30 bw @ 250°. Drop SV & pump down w/ 20 bw. Attempt to test tbg w/ out success. TOOH w/ 32 jts tbg. Found hole in jt # 32. LD & replace jts # 27 - 36. Pressure test tbg to 3000 psi. Godd test. Continue TOOH w/ tbg. Get out of hole w/ tbg. LD PKR. PU & MU new Weatherford 5 1/2" AS-1X PKR. TIH w/ tbg detail @ follows. PKR, PSN, & 140 jts tbg. Pump 10 bw & drop SV. Pressure test tbg to 3000 psi. Watch for 30 min. Good test. RD work floor. ND BOP. Set PKR. MU well head & land tbg w/ 18000# tension. NU well head. Pressure test csg to 1400 psi. Lost 15psi in 15 min. RIH w/ standing sand line & retrieve SV. SDFN - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Attempt ot spot service unit. Found ground to soft to RU on. Wait on road base & equipment. Dig out soft ground. Rebuild base w/ 3" road base. Spot in & prep to RU in AM. Too windy to continue. SDFN. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - Crew travel - Open well. TBG 825 psi. CSG 800 psi. Release PKR &

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Daily Cost: \$0

Cumulative Cost: \$28,921

4/19/2012 Day: 4

Tubing Leak

Rigless on 4/19/2012 - Conduct MIT - On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 04/02/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 04/02/2012 the csg was pressured up to 1710 psig and charted for 30 minutes with no

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Daily Cost: \$0

Cumulative Cost: \$29,821

Pertinent Files: Go to File List

Federal #11-4G-9-16

Spud Date: 12/21/89
Put on Production: 3/21/90
GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD
130 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 7 JTS
DEPTH LANDED: 296'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 Class "G" cmt, est 7 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC
CEMENT TOP AT: 1430'
SET AT: 6453'

TUBING

SIZE GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 140 jts (4386.96')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4399.96'
TOTAL STRING LENGTH: EOT @ 4408.46' w/13' KB

Injection Wellbore Diagram

Casing Shoe @ 296'

Cement top @ 1430'

Packer @ 4404'
EOT @ 4408'

PBTD @ 6329'

TD @ 6453'

FRAC JOB

2-15-90	5847'-5862'	35,000# 20-40 sand, 53,000# 16-30 sand, and 88,000# ttl sd. Avg TP 2300 psi. ISIP-2330 psi.
2-17-90	5515'-5560'	Screened out w/42,000# 20-40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.
2-21-90	5360'-5435'	70,000# 20-40 sand, 68,000# 16-30 sand, and 138,000 sd ttl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.
2-24-90	5222'-5019'	41,000# 16-30 sand. Avg TP 2900 psi, 15 min 1150 psi.
2-27-90	4924'-4946'	48,000# 20-40 sand. Sand master broke down & couldn't pump 16-30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.
2-05-03	5156'-5162'	Frac B.5 sands as follows: 20,307# 20-40 sand in 198 bbls Viking 1-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal.
2-05-03	4440'-4476'	Frac GB6 sands as follows: 74,499# 20-40 sand in 564 bbls Viking 1-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal.
02-20-06		Pump Change. Updated rod and tubing detail
12 12 08		Well converted to an Injection well.
12 23 08		MIT completed and submitted.

PERFORATION RECORD

2-13-90	5847'-5862'	4 JSPF	60 holes
2-16-90	5515'-5560'	4 JSPF	180 holes
2-20-90	5360'-5370'	4 JSPF	40 holes
2-20-90	5386'-5393'	4 JSPF	28 holes
2-20-90	5420'-5435'	4 JSPF	60 holes
2-22-90	5222'-5230'	4 JSPF	32 holes
2-22-90	5108'-5113'	4 JSPF	20 holes
2-22-90	5013'-5019'	4 JSPF	24 holes
2-26-90	4924'-4946'	4 JSPF	88 holes
2-04-03	5156'-5162'	4 JSPF	24 holes
2-04-03	4468'-4476'	4 JSPF	32 holes
2-04-03	4460'-4466'	4 JSPF	24 holes
2-04-03	4440'-4448'	4 JSPF	32 holes

NEWFIELD

Federal #11-4G-9-16

800 FWL & 660 FNL

NWNW Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-31250, Lease #U-30096